



State of Illinois  
**ENVIRONMENTAL PROTECTION AGENCY**

2309 West Main, Marion, IL 62959  
618/993-7200

March 26, 1999

Consolidation Coal Company  
Illinois/West Kentucky Operations  
P.O. Box 566  
Sesser, IL 62884

Re: Consolidation Coal Company  
Burning Star No. 4 Mine - South Field  
NPDES Permit No. IL0026492  
Termination of NPDES Permit (After Public Notice)

Gentlemen:

The Illinois Environmental Protection Agency has reviewed your letter stating that the permitted area and related discharges have been incorporated into the Consolidation Coal Company, Burning Star No. 4 Mine, North Field, NPDES Permit No. IL0052759, thus no longer requiring an NPDES Permit on your behalf and issued a Public Notice.

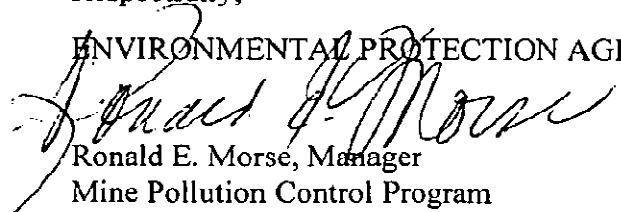
The final decision of the Agency is to terminate NPDES Permit No. IL0026492 effective immediately.

Please be advised that should you wish to discharge to surface waters in the future, you must submit a complete application to this Agency a minimum of 180 days in advance of any discharge.

Should you have questions or comments, please contact Larry D. Crislip, P.E., at the above indicated telephone number.

Respectfully,

ENVIRONMENTAL PROTECTION AGENCY

  
Ronald E. Morse, Manager  
Mine Pollution Control Program  
Bureau of Water

ILPA DIVISION OF RECORDS MANAGEMENT  
RELEASABLE

NOV 12 2015  
REVIEWER: JKS

REM:LDC:jkb/1189c/01-19-99

cc: IDNR/Office of Mines and Minerals/Land  
IDNR/Division of Water Resources  
Marion Region/Mine Pollution Control Program  
BOW/DWPC/CAS  
BOW/DWPC/Records  
GERPDC

**RECEIVED**

MAR 29 1999

IL Environmental Protection Agency  
MARION REGIONAL OFFICE



CONSOL ENERGY.

507  
Due date: 11-27-02

Consolidation Coal Company  
P.O. Box 566  
Sesser, IL 62884

October 15, 2002

NO PERMIT ACTION REQUIRED  
NO AGENCY REQUIREMENT TO  
SUBMIT GROUNDWATER DATA FOR  
BURNING STAR NO. 4 MINE.  
FILE ONLY.

Illinois Environmental Protection Agency  
Division of Water Pollution Control  
2200 Churchill Road  
Springfield, IL 62706


Gentlemen:

42 11/07/02

Enclosed please find NPDES discharge monitoring reports, stream monitoring reports and associated submittals for the Third Quarter of 2002 for Consolidation Coal Company facilities in Illinois.

If there are any questions, please contact me at (618) 625-2041.

Sincerely,

  
John A. Gefferth  
Environmental Engineer

IEPA-DIVISION OF RECORDS MANAGEMENT  
RELEASABLE

NOV 12 2015

REVIEWER: JKS

Enclosure

CC: Bill Ryan, I.E.P.A., Marion  
Scott Fowler, I.D.N.R., Springfield

A.W.P./EDW/DMR

bcc: Larry Crislip, I.E.P.A., Marion (MW info)  
Dick Denning, Plaza, (Non-Com info)  
Ed Settle (all but DMR's)  
Central File

**RECEIVED**  
OCT 16 2002

IL Environmental Protection Agency  
MARION REGIONAL OFFICE

FOR: CONSOLIDATION COAL COMPANY  
ILLINOIS/WEST KENTUCKY OPER.  
P.O. BOX 566  
SESSON, IL 62894-0566

Date: 10-04-2002 3rd QUARTER 2002 WELL REPORT PAGE 1 OF 1

Mine	COC ID#	DATE	TIME	TYPE	SAMPLE FIELD DATA					DO	STANDARD	Sett.															F	NO3	Fecal	OBOD5	Comment	Diss Fe	Diss Mn																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
					pH	Flow Temp GPM °C	Static Temp °C	Pumped Gal	Cond. uS				mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L								mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L

cc: Terry Hale

"The analyses, opinions or interpretations contained in this report have been prepared at the client's direction, are based upon observation of materials provided by the client and express the best judgement of Standard Laboratories, Inc. Standard Laboratories, Inc. makes no other representation or warranty, expressed or implied, regarding this report. This Certificate of Analysis may not be reproduced except in full, without the written approval of Standard Laboratories, Inc. (marked & returned)." \_\_\_\_\_

FOR: CONSOLIDATION COAL COMPANY  
ILLINOIS/WEST KENTUCKY OPER.  
P.O. BOX 586  
SESSER, IL 62894-0666

Date: 10-04-2002 3rd QUARTER 2002 STREAM REPORT PAGE 1 OF 1

Mine	CCC ID#	DATE	TIME	TYPE	SAMPLE FIELD DATA				Pumped Gal	Cond. us	DO mg/L	STANDARD LAB NO.	Sol. Solid n/L	Acid. pH	Alk. mg/L	TSS mg/L	TDS mg/L	Fe mg/L	Mn mg/L	SOD mg/L	Cl mg/L	Cond. us	Na mg/L	Ca mg/L	Mg mg/L	Hard. mg/L	Al mg/L	Pb mg/L	Zn mg/L	F mg/L	NO3 mg/L	Fecal #/100H.	CODIG mg/L	Comment	Diss Fe mg/l	Diss Mn mg/l	
					pH	Flow GPM	Temp. °C	Static Level'																													
BS4	BCA	09/18/02	1650	ST	8.14	NA	NA		478	NA	020904209		8.21	-132	160	7	335	0.551	0.443	43	29.4	476															
BS4	BCB2	09/18/02	1730	ST	8.02	NA	NA		608	NA	020904210		7.84	-69	81	51	515	1.75	0.350	195	33.0	688															
BS4	BCB3	09/18/02	0830	ST	7.26	NA	NA		1023	NA	020904211		7.01	-26	37	26	185	1.36	0.469	466	12.2	1022															
BS4	BCB4	09/18/02	0930	ST	6.94	NA	NA		2037	NA	020904212		7.20	-152	174	44	1556	2.49	0.940	690	30.5	2056															
BS4	BD	09/18/02	0955	ST	6.94	NA	NA		2807	NA	020904213		7.38	-214	262	64	4290	1.82	1.17	1639	32.8	3160															
BS4	GLA	09/18/02	1610	ST	7.40	NA	NA		744	NA	020904204		7.70	-169	174	26	520	1.48	4.45	109	73.6	774															
BS4	GLC2	09/18/02		ST							020904205																										
BS4	GLC3	09/17/02	1100	ST	7.69	NA	NA		1798	2.06	020904206		7.88	-259	313	6	1530	0.543	0.834	704	38.9	1949															
BS4	GLC4	09/17/02	1240	ST	7.54	NA	NA		2971	2.60	020904207		7.63	-190	218	6	2650	0.575	0.479	1536	20.3	3019															
BS4	GLD	09/18/02	1600	ST	6.97	NA	NA		3436	NA	020904208		7.31	-253	286	20	3030	1.06	1.24	1716	43.7	3452															

cc: Larry Hale

"The analyses, opinions or interpretations contained in this report have been prepared at the client's direction, are based upon observation of materials provided by the client and express the best judgement of Standard Laboratories, Inc. Standard Laboratories, Inc. makes no other representation or warranty, expressed or implied, regarding this report.





**CONSOL ENERGY.**

6338 • 102

Due date: 8-28-02

Consolidation Coal Company  
P.O. Box 566  
Sesser, IL 62884

July 15, 2002

NO PERMIT ACTION REQUIRED

NO AGENCY REQUIREMENT TO SUBMIT

Illinois Environmental Protection Agency  
Division of Water Pollution Control  
2200 Churchill Road  
Springfield, IL 62706

GROUNDWATER DATA FOR BURNING  
STAR NO. 4 MINE. FILE ONLY.

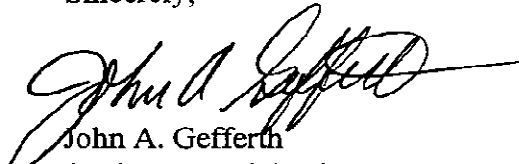
*HQ* 7/23/02

Gentlemen:

Enclosed please find NPDES discharge monitoring reports, stream monitoring reports and associated submittals for the Second Quarter of 2002 for Consolidation Coal Company facilities in Illinois. You will find the stormwater monitoring results as well.

If there are any questions, please contact me at (618) 625-2041.

Sincerely,

  
John A. Gefferth  
Environmental Engineer

IEPA DIVISION OF RECORDS MANAGEMENT  
RELEASABLE

NOV 12 2015

REVIEWER: JKS

Enclosure

CC: Bill Ryan, I.E.P.A., Marion  
Scott Fowler, I.D.N.R., Springfield

A:WP:EPW/DMR

bcc: Larry Crislip, IEPA, Marion - MW's  
Dick Denning, Plaza - Non-Com DMR's  
Ed Settle - all except DMR's  
Eng File Room - Original DMR's

**RECEIVED**

JUL 16 2002

IL Environmental Protection Agency  
MARION REGIONAL OFFICE



P.O. Box 39, Freeburg, Illinois 62243 (618) 539-5836

FOR: CONSOLIDATION COIL COMPANY  
ILLINOIS-KENTUCKY OPER.  
P.O. BOX 566  
SESSER, IL 62884-0566

Date: 07-09-2002 2nd QUARTER 2002 WELL REPORT PAGE 1 OF 1

Well	COC	IDP	DATE	TIME	TYPE	SAMPLE FIELD DATA				STANDARD LAB NO.	Sett. Solid mL/L	pH	Acid. mg/L	Alk. mg/L	TSS mg/L	TDS mg/L	Fe mg/L	Mn mg/L	SO <sub>4</sub> mg/L	Cl mg/L	Cond. uS	Na mg/L	Ca mg/L	Mg mg/L	Hard. mg/L	Al mg/L	Pb mg/L	Zn mg/L	F mg/L	NO <sub>3</sub> mg/L	Fecal #/100mL	CRODS mg/L	Comment	Disc Fe mg/l	Disc Mn mg/l
						pH	Flow GPM	Temp °C	Static Level'																										
BS4	NH-3		06/20/02	1229	NH	7.08	19.1	22.30	1.1	1860	020604213		-294	366	138	1455	3.44	1.81	712	25.6	1829	84.1	207	102	537	<0.005	0.098	0.30	<0.60					1.23	1.74
BS4	NH-4A		06/20/02	1013	NH	7.15	15.8	3.50	14.3	640	020604214		-232	274	1125	415	40.7	1.12	82	10.6	640	42.5	70.9	17.3	298	<0.005	0.146	0.22	<0.60					1.70	0.238
BS4	NH-5		06/20/02	1237	NH	7.14	17.2	6.10	27.5	910	020604215		-159	194	79	590	2.13	0.102	209	37.1	655	99.3	67.5	19.1	267	<0.005	0.035	0.50	<0.60					0.107	0.075
BS4	NH-6		06/20/02	1153	NH	7.12	18.0	13.10	27.5	3810	020604216		-460	484	2380	3150	36.6	0.641	1573	259	3595	380	277	246	1705	<0.005	0.117	0.33	0.67					0.128	0.098
BS4	NH-7		06/20/02	0944	NH	6.57	18.4	36.00	27.5	3340	020604217		-353	464	66	3060	16.2	4.72	1703	23.0	3221	163	587	107	1531	<0.005	0.210	0.72	<0.60					13.4	4.64
BS4	NH-8		06/20/02	1130	NH	6.55	17.9	36.10	27.5	3330	020604218		-596	692	15	2705	1.26	4.30	1296	49.4	3221	356	334	88.8	1200	<0.005	0.135	0.42	<0.60					0.775	3.83
BS4	NH-11		06/20/02	1253	NH	8.94	25.8	NA	25	890	020604219		-253	364	1	485	0.034	<0.005	5	58.8	824	190	1.1	0.3	4	<0.005	<0.010	0.35	0.65					0.034	<0.005
BS4	NH-31		06/20/02	1325	NH	7.47	20.4	4.70	27.5	1080	020604220		-432	485	132	660	2.97	0.333	65	32.9	1038	145	51.2	35.5	274	<0.005	0.030	0.66	0.66					0.224	0.069
BS4	NH-32		06/19/02	1809	NH	6.72	17.0	18.20	7.7	3940	020604221		-470	542	226	2275	6.88	1.20	1144	33.1	2860	413	190	61.7	811	<0.005	0.053	0.34	0.52					1.50	0.825
BS4	NH-33		06/19/02	00	NH	6.56	17.5	9.70	7.7	2990	020604222		-167	234	522	2070	5.06	0.382	1632	9.8	2860	151	422	127	1577	<0.005	0.151	0.24	2.63					0.065	0.133
BS4	NH-34		06/19/02	1744	NH	7.03	19.2	20.80	22	3660	020604223		-374	442	35	2865	1.99	0.171	1540	72.6	3436	492	245	76.5	927	<0.005	0.123	0.29	0.73					0.114	0.015
BS4	NH-36		06/19/02	1725	NH	6.57	19.7	10.00	1.1	3700	020604224		-372	466	136	3835	7.94	7.48	2232	11.3	3688	11.0	580	295	2611	<0.005	0.289	0.62	0.63					1.82	7.41
BS4	NH-38		06/19/02	1708	NH	7.49	17.5	10.80	3.3	1100	020604225		-253	382	404	810	75.7	1.20	241	62.6	1177	189	51.6	18.1	203	<0.005	0.034	0.59	2.26					1.30	0.669
BS4	NH-39		06/20/02	1046	NH	6.74	15.8	9.70	27.5	4290	020604226		-334	464	103	4270	4.40	1.81	2433	95.8	4399	353	504	188	2033	<0.005	0.182	1.00	0.66					0.418	1.64

cc: Terry Hale

The analyses, opinions or interpretations contained in this report have been prepared at the client's direction, are based upon observation of materials provided by the client and express the best judgment of Standard Laboratories, Inc. Standard Laboratories, Inc. makes no other representation or warranty, expressed or implied, regarding this report. This Certificate of Analysis may not be reproduced or used in full without the written approval of Standard Laboratories, Inc. Invoiced & released.

FOR: CONSOLIDATION COAL COMPANY  
ILLINOIS/ARIZONA KENTUCKY OPER.  
P.O. BOX 566  
SESSER, IL 62884-0566

Date: 07-09-2002

Mine	COC ID#	DATE	TIME	TYPE	SAMPLE FIELD DATA				CO	STANDARD LAB NO.	Sett. Solid mL/L	pH	Acid. mg/L	Alk. mg/L	TSS mg/L	TDS mg/L	Fe mg/L	Mn mg/L	SO4 mg/L	Cl mg/L	Cond. uS	Na mg/L	Ca mg/L	Mg mg/L	Hard. mg/L	Al mg/L	Pb mg/L	Zn mg/L	F mg/L	NO3 mg/L	Fecal #/100ml	CRODS mg/L	Comment	Diss Fe mg/l	Diss Mn mg/l		
					pH	Flow GPM	Temp. °C	Static Level'																													
BSA	BCA	06/18/02	1530	ST	8.05	<1	23.2		941	9.43	020604109	7.99	-160	180	8	730	0.335	0.067	313	31.7	991																
BSA	BCB2	06/18/02	1710	ST	9.68	<1	29.8		944	15.5	020604110	9.01	-106	118	9	655	0.351	0.119	326	36.2	935																
BSA	BCB3	06/18/02	1315	ST	9.16	<1	35.0		3574	8.58	020604111	8.33	-158	186	47	1180	2.92	0.332	512	31.6	1545																
BSA	BCB4	06/18/02	1440	ST	7.21	<1	32.2		3370	9.2	020604112	7.27	-274	320	62	2775	1.77	0.872	1456	57.0	3382																
BSA	BG	06/18/02	1515	ST	7.43	<1	31.4		3284	8.77	020604113	7.39	-262	304	22	2620	1.09	0.894	1677	39.2	3275																
BSA	GLA	06/19/02	1150	ST	8.12	<1	23		944	9.17	020604104	7.74	-165	212	11	640	1.06	0.966	214	40.8	912																
BSA	GLC2	06/18/02	0900	ST	8.39	<1	30.7		514	7.58	020604106	8.51	-98	112	49	345	2.31	0.157	114	20.8	459																
BSA	GLC3	06/18/02	1115	ST	7.35	<1	24.6		2446	8.61	020604106	7.28	-224	258	12	1950	0.179	0.259	1069	40.5	2628																
BSA	GLC4	06/19/02	00	ST	8.14	<1	30.9		2117	9.69	020604107	8.65	-117	144	17	750	1.06	0.435	333	21.2	1065																
BSA	GLD	06/19/02	1315	ST	7.24	<1	24.4		4112	8.0	020604108	7.10	-309	356	24	3480	1.22	1.21	1964	60.3	3523																

cc: Terry Hale

"The analyses, opinions or interpretations contained in this report have been prepared at the client's direction, are based upon observation of materials provided by the client and express the best judgement of Standard Laboratories, Inc. Standard Laboratories, Inc. makes no other representation or warranty, expressed or implied, regarding this report. This Certificate of Analysis may not be reprinted except in full without the written approval of Standard Laboratories, Inc. Invoiced if altered."



Consolidation Coal Company  
 Illinois/West Kentucky Operations  
 Post Office Box 566  
 Sesser, Illinois 62884  
 (618) 625-2041

February 19, 1997

1073-107

Due Date: 4.4.97

Mr. Larry Crislip, P.E.  
 Manager, Permit Section  
 Illinois Environmental Protection Agency  
 2309 West Main  
 Marion, Illinois 62950

**RECEIVED**

SEP 15 1998

Environmental Protection Agency  
 WPC- Permit Log In

Re: Burning Star No. 4 - South Field (BS4-1)  
 NPDES Permit No. IL0026492

Dear Mr. Crislip:

Please consider this a request to drop the above mentioned permit and transfer the NPDES monitoring point to permit IL0052795. This submittal supersedes the stormwater plans submitted on April 15, 1996, and December 23, 1996.

Consol is requesting that monitoring point BS4-1 (006) be transferred to IL0052795 and designated BS4-9 (006). This transfer will allow all of Burning Star #4 to be under one NPDES permit and eventually one Stormwater Monitoring Plan.

If you have questions, comments or need additional information, contact me at (618)-625-6850.

Sincerely,

John Gefferth  
 Environmental Engineer

ILLINOIS DIVISION OF RECORDS MANAGEMENT  
 RELEASE 316

NOV 12 2015

REVIEWER: JKS

C:\WIN60\WPDOCS\BS4\BS401NPD.DOC

**RECEIVED**

FEB 20 1997

IL Environmental Protection Agency  
 MARION REGIONAL OFFICE



State of Illinois

# ENVIRONMENTAL PROTECTION AGENCY

~~Mary A. Gade~~ Director

2309 West Main, Marion, IL 62959

February 19, 1999

618/993-7200

Perry County Clerk  
Government Building  
P.O. Box 438  
Pinckneyville, IL 62274

ISPA-DIVISION OF RECORDS MANAGEMENT  
RELEASE

NOV 12 2015

REVIEWER: JKS

Re: Consolidation Coal Company  
Burning Star No. 4 Mine - South Field  
NPDES Permit No. IL0026492  
Intent to Terminate Permit

County Clerk:

Please post the enclosed National Pollutant Discharge Elimination System Public Notice for a period of 30 days. In addition, complete and return the enclosed post card indicating the date of posting.

Thank you for your cooperation.

Respectfully,

ENVIRONMENTAL PROTECTION AGENCY

Larry D. Crislip, P.E.  
Manager, Permit Section  
Mine Pollution Control Program  
Bureau of Water

LDC:jkb/1189c/01-19-99

Enclosures: Public Notice/Fact Sheet, Post Card

cc: Marion Region/Mine Pollution Control Program/With Enclosures

RECEIVED

FEB 23 1999

IL Environmental Protection Agency  
MARION REGIONAL OFFICE



State of Illinois  
**ENVIRONMENTAL PROTECTION AGENCY**

---

~~James H. Gade~~, Director

February 19, 1999

2309 West Main, Marion, IL 62959

618/993-7200

U.S. Fish & Wildlife Service  
Rock Island Field Office  
4469 48th Avenue Court  
Rock Island, Illinois 61201

Re: Consolidation Coal Company  
Burning Star No. 4 Mine - South Field  
NPDES Permit No. IL0026492  
Intent to Terminate Permit

Gentlemen:

In accordance with 40 CFR 124.10, we hereby submit a copy of the Public Notice/Fact Sheet for the above discharger. If no written reply is received at the address indicated below within 30 days of the date of this request, the Agency will assume that the U.S. Fish and Wildlife Service has no objection to the intent to terminate the permit.

Illinois Environmental Protection Agency  
Division of Water Pollution Control  
1021 North Grand Avenue, East  
P.O. Box 19276  
Springfield, IL 62794-9276

Attn: NPDES PN Clerk

Respectfully,

ENVIRONMENTAL PROTECTION AGENCY

Larry D. Crislip, P.E.  
Manager, Permit Section  
Mine Pollution Control Program  
Bureau of Water

LDC:jkb/1189c/01-19-99

Enclosure: Public Notice/Fact Sheet. Post Card

cc: Marion Region/Mine Pollution Control Program/With Enclosures



State of Illinois

# ENVIRONMENTAL PROTECTION AGENCY

~~Mr. J. J. J.~~ Director

February 19, 1999

2309 West Main, Marion, IL 62959

618/993-7200

Consolidation Coal Company  
Illinois/West Kentucky Operations  
P.O. Box 566  
Sesser, IL 62884

Re: Consolidation Coal Company  
Burning Star No. 4 Mine - South Field  
NPDES Permit No. IL0026492  
Intent to Terminate Permit  
Public Notice

Gentlemen:

Please post the enclosed Public Notice/Fact Sheet for the subject discharge for a period of thirty days in a conspicuous place on your premises.

If there are any questions, please contact the undersigned at the indicated telephone number and address.

Thank you for your cooperation.

Respectfully,

ENVIRONMENTAL PROTECTION AGENCY

Larry D. Crislip, P.E.  
Manager, Permit Section  
Mine Pollution Control Program  
Bureau of Water

LDC:jkb/1189c/01-19-99

Enclosures: Public Notice/Fact Sheet

cc: GERPDC/with Enclosures  
Marion Region/Mine Pollution Control Program/With Enclosures

NPDES Permit No. IL0026492

Notice No. jkb/1189c

Date FEB 19 1999

National Pollutant Discharge Elimination System (NPDES)  
Permit Program

PUBLIC NOTICE/FACT SHEET  
of  
Intent to Terminate NPDES Permit No. IL0026492

Public Notice/Fact Sheet Issued By:

Illinois EPA  
Division of Water Pollution Control  
Permit Section  
1021 North Grand Ave., East  
P.O. Box 19276  
Springfield, Illinois 62794-9276  
217/782-0610

Name and Address of Applicant:

Consolidation Coal Company  
Illinois/West Kentucky Operations  
P.O. Box 566  
Sesser, IL 62884

Name and Address of Facility:

Consolidation Coal Company  
Burning Star No. 4 Mine - South Field  
1.5 miles east of Cutler, Illinois  
(Perry County)

The Illinois Environmental Protection Agency (IEPA) has made tentative determination to terminate the NPDES permit for the above named discharger.

Discharge No:  
Classification:  
Receiving Waters:

006  
Stormwater Discharge  
Galum Creek

The Agency intends to terminate this permit due to the entire area and discharges being incorporated into the Consolidation Coal Company, Burning Star No. 4 Mine, North Field NPDES Permit No. IL0052795.

Interested persons are invited to submit written comments to the IEPA at the above address. The NPDES permit and notice number must appear on each comment page. Any interested person may submit a written request for a public hearing, stating his or her name and address, the nature of the issues proposed to be raised and the evidence proposed to be presented with regards to those issues.

The application, Public Notice/Fact Sheet, comments received, and other documents are available for inspection and may be copied at the IEPA between 9:30 a.m. and 3:30 p.m. Monday through Friday.

All comments on the intended termination of the permit and requests for hearing must be received by the IEPA not later than 30 days from the date of this publication. If written comments or requests indicate a significant degree of public interest, the permitting authority may, at its discretion, hold a public hearing. Public notice will be given 30 days before any public hearing. For further information call the Public Notice Clerk at 217/782-0610.





State of Illinois

# ENVIRONMENTAL PROTECTION AGENCY

Mary A. Gade, Director

2309 West Main, Marion, IL 62959

February 27, 1995

618/993-7200

Consolidation Coal Company  
12755 Olive Boulevard  
St. Louis, Missouri 63141

Re: Consolidation Coal Company  
Burning Star No. 4 Mine (BS4-1) - South Field  
NPDES Permit No. IL0026492  
Final Permit

Gentlemen:

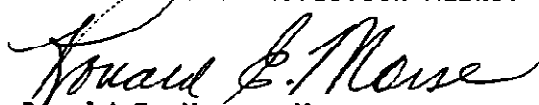
Attached is the final NPDES Permit for your discharge. The Permit as issued covers discharge limitations, monitoring, and reporting requirements. The failure of you to meet any portion of the Permit could result in civil and/or criminal penalties. The Illinois Environmental Protection Agency is ready and willing to assist you in interpreting any of the conditions of the Permit as they relate specifically to your discharge.

The Permit as issued is effective as of the date indicated on the first page of the Permit. You have the right to appeal any condition of the Permit to the Illinois Pollution Control Board within a 30 day period following the issuance date.

Should you have questions concerning the Permit, please contact Larry D. Crislip, P.E. at the telephone number indicated above.

Sincerely,

ENVIRONMENTAL PROTECTION AGENCY

  
Ronald E. Morse, Manager  
Mine Pollution Control Program  
Bureau of Water

EPA-DIVISION OF RECORDS MANAGEMENT  
RELEASABLE

NOV 12 2015

REVIEWER: JKS

REM:LDC:cs/0030C/6-8-94

Attachment: Final Permit

cc: Department of Transportation/Division of Water Resources/with Enclosure  
Department of Mines & Minerals/Land Reclamation/with Enclosure  
Marion Region/Mine Pollution Control Program/Without Enclosure  
Records  
CAS

NPDES Permit No. IL0026492  
Illinois Environmental Protection Agency  
Division of Water Pollution Control  
2200 Churchill Road  
P.O. Box 19276  
Springfield, Illinois 62794-9276  
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM  
Reissued NPDES Permit

Expiration Date: January 1, 2000

Issue Date: February 27, 1995  
Effective Date: February 27, 1995

Name and Address of Permittee:

Consolidation Coal Company  
12755 Olive Boulevard  
St. Louis, Missouri 63141

Facility Name and Address:

Consolidation Coal Company  
Burning Star No. 4 Mine (BS4-1)  
South Field  
1.5 miles east of Cutler, Illinois  
(Perry County)

Discharge Number and Name:

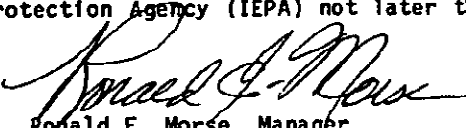
006 - Stormwater Discharge

Receiving Waters

Galum Creek

In compliance with the provisions of the Illinois Environmental Protection Act, Subtitle C and/or Subtitle D Rules and Regulations of the Illinois Pollution Control Board, and the Clean Water Act, the above-named permittee is hereby authorized to discharge at the above location to the above-named receiving stream in accordance with the standard conditions and attachments herein.

Permittee is not authorized to discharge after the above expiration date. In order to receive authorization to discharge beyond the expiration date, the permittee shall submit the proper application as required by the Illinois Environmental Protection Agency (IEPA) not later than 180 days prior to the expiration date.

  
Ronald E. Morse, Manager  
Mine Pollution Control Program  
Bureau of Water

REM:LDC:cs/0031C/6-3-94

## NPDES Coal Mine Permit

NPDES Permit No. IL0026492

## Effluent Limitations and Monitoring

PARAMETER	LOAD LIMITS lbs/day		CONCENTRATION LIMITS mg/l		SAMPLE FREQUENCY	SAMPLE TYPE
	30 DAY AVERAGE	DAILY MAXIMUM	30 DAY AVERAGE	DAILY MAXIMUM		

From the effective date of this Permit until January 1, 2000 the effluent of the following discharge shall be monitored at all times as follows:

Outfall: 006 (Stormwater Discharge)

Flow (MGD)					Measure When Monitoring	
Settleable Solids				0.5 ml/l	1/year	Grab
pH	The pH shall not be less than 6.0 nor greater than 9.0				1/year	Grab

Storm water discharge monitoring is subject to the following monitoring requirements:

Analysis of samples must be submitted with second quarter Discharge Monitoring Reports.

If discharges can be shown to be similar, a plan may be submitted by November 1 of each year preceeding sampling to propose grouping of similar discharges and/or update previously submitted groupings. If updating of a previously submitted plan is not necessary, a written notification to the Agency indicating such is required. Upon approval from the Agency, one representative sample for each group may be submitted.

NPDES Permit No. IL0026492

Construction Authorization No. 7075-91

C.A. Date June 2, 1994

Authorization is hereby granted to the above designee to construct the mine and mine refuse area described as follows:

A surface coal mining reclamation area designated as the South Field of Burning Star No. 4 Mine. The permitted area of 1999 acres located in Sections 34, 35 and 36, Township 5 South, Range 4 West and Sections 1, 2 and 3, Township 6 South, Range 4 West, Perry County, Illinois, is indicated by the boundaries in IEPA Log #7075-91-C submitted as additional information to the NPDES permit renewal application.

Surface drainage is controlled by one (1) sedimentation pond with discharge designated as Outfall 006 which reports to Galum Creek.

The area including, and the discharge designated as, Outfall 001 is included in this Authorization; however, liability for water quality from this discharge has been transferred to Apogee Coal Company, Captain Mine under NPDES Permit No. IL0033723 as described in IEPA Log #7082-81 and 6092-82.

Pursuant to 35 Ill. Adm. Code 406.203, the water quality standards of 35 Ill. Adm. Code 406.202 as they apply to sulfate, chloride, total dissolved solids, iron and manganese shall not apply to Outfall 006 subject to Condition 10.

The abandonment plan as described in application log #6123-82 shall be executed and completed in accordance with 35 Ill. Adm. Code 405.109. All water remaining upon abandonment must meet the requirements of 35 Ill. Adm. Code 406.106 and 406.202.

This Authorization renews and replaces previous Construction Authorization No. 3023-85 and Supplemental Construction Authorization Nos. 3023-85-1 and 3023-85-2.

This Authorization is issued subject to the following Conditions. If such Conditions require additional or revised facilities, satisfactory engineering plan documents must be submitted to this Agency for review and approval to secure issuance of a Supplemental Authorization to Construct.

1. If any statement or representation is found to be incorrect, this permit may be revoked and the permittee thereupon waives all rights thereunder.
2. The issuance of this permit (a) shall not be considered as in any manner affecting the title of the premises upon which the mine or mine refuse area is to be located; (b) does not release the permittee from any liability for damage to person or property caused by or resulting from the installation, maintenance or operation of the proposed facilities; (c) does not take into consideration the structural stability of any units or parts of the project; and (d) does not release the permittee from compliance with other applicable statutes of the State of Illinois, or with applicable local laws, regulations or ordinances.
3. Final plans, specifications, application and supporting documents as submitted by the person indicated on Page 1 as approved shall constitute part of this permit and are identified by Log #8121-80, 7082-81 and 6123-82 in the records of the Illinois Environmental Protection Agency.
4. This permit may not be assigned or transferred. Any subsequent operator shall obtain a new permit from the Illinois Environmental Protection Agency.
5. There shall be no deviations from the approved plans and specifications unless revised plans, specifications and application shall first have been submitted to the Illinois Environmental Protection Agency and a supplemental permit issued.
6. The permit holder shall notify the Environmental Protection Agency (217/782-3637) immediately of an emergency at the mine or mine refuse area which causes or threatens to cause a sudden discharge of contaminants into the waters of Illinois and shall immediately undertake necessary corrective measures as required by 35 Ill. Admin. Code 405.111. (217/782-3637 for calls between the hours of 5:00 p.m. to 8:30 a.m. and on weekends.)
7. The termination of an NPDES discharge monitoring point or cessation of monitoring of an NPDES discharge is not authorized by this Agency until the permittee submits adequate justification to show what alternate treatment is provided or that untreated drainage will meet applicable effluent and water quality standards.

8. This Agency must be informed in writing and an application submitted if drainage, which was previously classified as alkaline (pH greater than 6.0), becomes acid (pH less than 6.0) or ferruginous (base flow with an iron concentration greater than 10 mg/l). The type of drainage reporting to the basin should be reclassified in a manner consistent with the applicable rule of 35 Ill. Adm. Code 406 as amended in R84-29 at 11 Ill. Reg. 12899. The application should discuss the treatment method and demonstrate how the discharge will meet the applicable standards.
9. A permittee has the obligation to add a settling aid if necessary to meet the suspended solids or settleable solids effluent standards. The selection of a settling aid and the application practice shall be in accordance with a. or b. below.
  - a. Alum ( $\text{Al}_2(\text{SO}_4)_3$ ), hydrated lime ( $\text{Ca}(\text{OH})_2$ ), soda ash ( $\text{Na}_2\text{CO}_3$ ), alkaline pit pumpage, acetylene production by-product (tested for impurities), and ground limestone are acceptable settling aids and are hereby permitted for alkaline mine drainage sedimentation ponds.
  - b. Any other settling aids such as commercial flocculents and coagulants are permitted only on prior approval from the Agency. To obtain approval a permittee must demonstrate in writing to the Agency that such use will not cause a violation of the toxic substances standard of 35 Ill. Adm. Code 302.210 or of the appropriate effluent and water quality standards of 35 Ill. Adm. Code parts 302, 304, and 406.

NPDES Permit No. IL0026492

Special Conditions

Special Condition 1: No effluent from any mine related facility area under this permit shall, alone or in combination with other sources, cause a violation of any applicable water quality standard as set out in the Illinois Pollution Control Board Rules and Regulations, Chapter 1, Subtitle C: Water Pollution, unless specifically exempted under Rule 406.203 of Chapter 1, Subtitle D, Mine Related Water Pollution.

Special Condition 2: Samples taken in compliance with the effluent monitoring requirements shall be taken at a point representative of the discharge, but prior to entry into the receiving stream.

Special Condition 3: The permittee shall record monitoring results on Discharge Monitoring Report Forms using one such form for each discharge each month.

Discharge Monitoring Reports shall be mailed to the IEPA at the following address:

Illinois Environmental Protection Agency  
Division of Water Pollution Control  
2200 Churchill Road  
P.O. Box 19276  
Springfield, Illinois 62794-9276

Attention: Compliance Assurance Section

Special Condition 4: The completed Discharge Monitoring Report form shall be retained by the permittee for a period of three months and shall be mailed and received by the IEPA in accordance with the following schedule, unless otherwise specified by the permitting authority.

Period	Received by IEPA
January, February, March	April 15
April, May, June	July 15
July, August, September	October 15
October, November, December	January 15

Special Condition 5: If an applicable effluent standard or limitation is promulgated under Sections 301(b)(2)(C) and (D), 304(b)(2), and 307(a)(2) of the Clean Water Act and that effluent standard or limitation is more stringent than any effluent limitation in the permit or controls a pollutant not limited in the NPDES Permit, the Agency shall revise or modify the permit in accordance with the more stringent standard or prohibition and shall so notify the permittee.

Special Condition 6: The permittee shall notify the Agency in writing by certified mail within thirty days of abandonment, cessation, or suspension of active mining for thirty days or more unless caused by a labor dispute. During cessation or suspension of active mining, whether caused by a labor dispute or not, the permittee shall provide whatever interim impoundment, drainage diversion, and wastewater treatment is necessary to avoid violations of the Act or Subtitle D, Chapter 1.

Special Condition 7: Annual stormwater monitoring is required for all discharges not reporting to a sediment basin until final SMCRA Bond is released.

- A. Each discharge must be monitored for pH and settleable solids annually.
- B. Analyses of samples must be submitted in accordance with the second quarter Discharge Monitoring Report schedule. A map with discharge locations must be included in this submittal.
- C. If discharges can be shown to be similar, a plan may be submitted by November 1 of each year preceeding sampling to propose grouping of similar discharges and/or update previously submitted groupings. If updating of a previously submitted plan is not necessary, a written notification to the Agency indicating such is required. Upon approval from the Agency, one representative sample for each group may be submitted.

**The appearance of some of the images  
following this page is due to**

**Poor Quality Original Documents**

**and not the scanning or filming processes.**

**Com Microfilm Company  
(217) 525-5860**

## ATTACHMENT H

## Standard Conditions

## Definitions

Act means the Illinois Environmental Protection Act, Ch. 111 1/2 Ill. Rev. Stat., Sec. 1001-1052 as Amended.

Agency means the Illinois Environmental Protection Agency.

Board means the Illinois Pollution Control Board.

Clean Water Act formerly referred to as the Federal Water Pollution Control Act means Pub. L. 92-500, as amended, 33 U.S.C. 1251 et seq.

NPDES National Pollutant Discharge Elimination System means the national program for issuing, modifying, revoking and reissuing, terminating, monitoring and enforcing permits, and monitoring and enforcing pretreatment requirements, under Sections 307, 402, 318 and 405 of the Clean Water Act.

USEPA means the United States Environmental Protection Agency.

Daily Discharge means the discharge of a pollutant measured during a calendar day or any 24-hour period that reasonably represents the calendar day for purposes of sampling. For pollutants with limitations expressed in units of mass, the "daily discharge" is calculated as the total mass of the pollutant discharged over the day. For pollutants with limitations expressed in other units of measurements, the "daily discharge" is calculated as the average measurement of the pollutant over the day.

Maximum Daily Discharge Limitation (daily maximum) means the highest allowable daily discharge.

Average Monthly Discharge Limitation (30 day average) means the highest allowable average of daily discharges over a calendar month, calculated as the sum of all daily discharges measured during a calendar month divided by the number of daily discharges measured during that month.

Average Weekly Discharge Limitation (7 day average) means the highest allowable average of daily discharges over a calendar week, calculated as the sum of all daily discharges measured during a calendar week divided by the number of daily discharges measured during that week.

Best Management Practices (BMPs) means schedules of activities, prohibitions of practices, maintenance procedures, and other management practices to prevent or reduce the pollution of waters of the State. BMPs also include treatment requirements, operating procedures, and practices to control plant site runoff, spillage or leaks, sludge or waste disposal, or drainage from raw material storage.

Aliquot means a sample of specified volume used to make up a total composite sample.

Grab Sample means an individual sample of at least 100 milliliters collected at a randomly-selected time over a period not exceeding 15 minutes.

24 Hour Composite Sample means a combination of at least 8 sample aliquots of at least 100 milliliters, collected at periodic intervals during the operating hours of a facility over a 24-hour period.

8 Hour Composite Sample means a combination of at least 3 sample aliquots of at least 100 milliliters, collected at periodic intervals during the operating hours of a facility over an 8-hour period.

Flow Proportional Composite Sample means a combination of sample aliquots of at least 100 milliliters collected at periodic intervals such that either the time interval between each aliquot or the volume of each aliquot is proportional to either the stream flow at the time of sampling or the total stream flow since the collection of the previous aliquot.

- (1) Duty to comply. The permittee must comply with all conditions of this permit. Any permit noncompliance constitutes a violation of the Act and is grounds for enforcement action, permit termination, revocation and reissuance, modification, or for denial of a permit renewal application. The permittee shall comply with effluent standards or prohibitions established under Section 307(a) of the Clean Water Act for toxic pollutants within the time provided in the regulations that establish these standards or prohibitions, even if the permit has not yet been modified to incorporate the requirement.
- (2) Duty to renew. If the permittee wishes to continue an activity regulated by this permit after the expiration date of this permit, the permittee must apply for and obtain a new permit. If the permittee submits a proper application as required by the Agency no later than 180 days prior to the expiration date, this permit shall continue in full force and effect until the final Agency decision on the application has been made.
- (3) Need to halt or reduce activity not a defense. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of the permit.
- (4) Duty to mitigate. The permittee shall take all reasonable steps to minimize or prevent any discharge in violation of this permit which has a reasonable likelihood of adversely affecting human health or the environment.
- (5) Proper operation and maintenance. The permittee shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the permittee to achieve compliance with the conditions of this permit. Proper operation and maintenance includes effective performance, adequate funding, adequate operator staffing and training, and adequate laboratory and process controls, including appropriate quality assurance procedures. This provision requires the operation of back-up, or auxiliary facilities, or similar systems only when necessary to achieve compliance with the conditions of the permit.
- (6) Permit assets. This permit may be modified, revoked and reissued, or terminated for cause by the Agency pursuant to 40 CFR 122.82. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance, does not stay any permit condition.
- (7) Property rights. This permit does not convey any property rights of any sort, or any exclusive privilege.
- (8) Duty to provide information. The permittee shall furnish to the Agency within a reasonable time, any information which the Agency may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with the permit. The permittee shall also furnish to the Agency, upon request, copies of records required to be kept by this permit.
- (9) Inspection and entry. The permittee shall allow an authorized representative of the Agency upon the presentation of credentials and other documents as may be required by law, to:
  - (a) Enter upon the permittee's premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of the permit;
  - (b) Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;
  - (c) Inspect at reasonable times any facilities, equipment including monitoring and control equipment, practices, or operations regulated or required under this permit; and
  - (d) Sample or monitor at reasonable times, for the purpose of assuring permit compliance, or as otherwise authorized by the Act, any substances or parameters at any location.
- (10) Monitoring and records.
  - (a) Samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity.
  - (b) The permittee shall retain records of all monitoring information, including all calibration and maintenance records, and all original strip chart recordings for continuous monitoring instrumentation, copies of all reports required by this permit, and records of all data used to complete the application for this permit, for a period of at least 3 years from the date of the permit, measurement, report or application. This period may be extended by request of the Agency at any time.
  - (c) Records of monitoring information shall include:
    - (1) The date, exact place, and time of sampling or measurements;
    - (2) The individual(s) who performed the sampling or measurements;
    - (3) The date(s) analyses were performed;
    - (4) The individual(s) who performed the analyses;
    - (5) The analytical techniques or methods used; and
    - (6) The results of such analyses.
  - (d) Monitoring must be conducted according to test procedures approved under 40 CFR Part 136, unless other test procedures have been specified in the permit. Where no test procedure under 40 CFR Part 136 has been approved, the permittee must submit to the Agency a test method for approval. The permittee shall calibrate and perform maintenance procedures on all monitoring and analytical instrumentation at intervals to ensure accuracy of measurements.
- (11) Signature requirement. All applications, reports or information submitted to the Agency shall be signed and certified.
  - (a) Application. All permit applications shall be signed as follows:
    1. For a corporation: by a principal executive officer of at least the level of vice president or a person of position having overall responsibility for environmental matters for the corporation;
    2. For a partnership or sole proprietorship: by a general partner or the proprietor, respectively; or
    3. For a municipality, State, Federal, or other public agency: by either a principal executive officer or ranking elected official.
  - (b) Reports. All reports required by permits, or other information requested by the Agency shall be signed by a person described in paragraph (a) or by a duly authorized representative of that person. A person is a duly authorized representative only if:
    - (1) The authorization is made in writing by a person described in paragraph (a); and
    - (2) The authorization specifies either an individual or a position responsible for the overall operation of the facility, from which the discharge originates, such as a plant manager, superintendent or person of equivalent responsibility; and
    - (3) The written authorization is submitted to the Agency.



- (c) **Changes of Authorization.** If an authorization under (b) is no longer accurate because a different individual or position has responsibility for the overall operation of the facility, a new authorization satisfying the requirements of (b) must be submitted to the Agency prior to or together with any reports, information, or applications to be signed by an authorized representative.
- (12) **Reporting requirements.**
- Planned changes.** The permittee shall give notice to the Agency as soon as possible of any planned physical alterations or additions to the permitted facility.
  - Anticipated noncompliance.** The permittee shall give advance notice to the Agency of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.
  - Compliance schedules.** Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule of this permit shall be submitted no later than 14 days following each schedule date.
  - Monitoring reports.** Monitoring results shall be reported at the intervals specified elsewhere in this permit.
    - Monitoring results must be reported on a Discharge Monitoring Report (DMR).
    - If the permittee monitors any pollutant more frequently than required by the permit, using test procedures approved under 40 CFR 136 or as specified in the permit, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the DMR.
    - Calculations for all limitations which require averaging of measurements shall utilize an arithmetic mean unless otherwise specified by the Agency in the permit.
  - Twenty-four hour reporting.** The permittee shall report any noncompliance which may endanger health or the environment. Any information shall be provided orally within 24 hours from the time the permittee becomes aware of the circumstances. A written submission shall also be provided within 5 days of the time the permittee becomes aware of the circumstances. The written submission shall contain a description of the noncompliance and its cause; the period of noncompliance, including exact dates and times; and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance. The following shall be included as information which must be reported within 24 hours:
    - Any anticipated bypass which exceeds any effluent limitation in the permit;
    - Violation of a maximum daily discharge limitation for any of the pollutants listed by the Agency in the permit to be reported within 24 hours.

The Agency may waive the written report on a case-by-case basis if the oral report has been received within 24 hours.
  - Other noncompliance.** The permittee shall report all instances of noncompliance not reported under paragraphs (12)(c), (d), or (e), at the time monitoring reports are submitted. The reports shall contain the information listed in paragraph (12)(e).
  - Other information.** Where the permittee becomes aware that it failed to submit any relevant facts in a permit application, or submitted incorrect information in a permit application, or in any report to the Agency, it shall promptly submit such facts or information.
- (13) **Transfer of permits.** A permit may be automatically transferred to a new permittee if:
- The current permittee notifies the Agency at least 30 days in advance of the proposed transfer date;
  - The notice includes a written agreement between the existing and new permittees containing a specific date for transfer of permit responsibility, coverage and liability between the current and new permittees; and
  - The Agency does not notify the existing permittee and the proposed new permittee of its intent to modify or revoke and reissue the permit. If this notice is not received, the transfer is effective on the date specified in the agreement.
- (14) **All manufacturing, commercial, mining, and silvicultural dischargers must notify the Agency as soon as they know or have reason to believe:**
- At any activity has occurred or will occur which would result in the discharge of any toxic pollutant identified under Section 307 of the Clean Water Act which is not limited in the permit, if that discharge will exceed the highest of the following notification levels:
    - One hundred micrograms per liter (100 ug/l);
    - Two hundred micrograms per liter (200 ug/l) for acrolein and acrylonitrile; five hundred micrograms per liter (500 ug/l) for 2,4-dinitrophenol and for 2-methyl-4,6-dinitrophenol; and one milligram per liter (1 mg/l) for antimony;
    - Five (5) times the maximum concentration value reported for the pollutant in the NPDES permit application; or
    - The level established by the Agency in the permit.
  - That they have begun or expect to begin to use or manufacture as an intermediate or final product or byproduct any toxic pollutant which was not reported in the NPDES permit application.
- (15) **All Public Owned Treatment Works (POTW) must provide adequate notice to the Agency of the following:**
- Any new introduction of pollutants into that POTW from an indirect discharger which would be subject to Sections 301 or 306 of the Clean Water Act if it were directly discharging those pollutants; and
  - Any substantial change in the volume or character of pollutants being introduced into that POTW by a source introducing pollutants into the POTW at the time of issuance of the permit.
  - For purposes of this paragraph, adequate notice shall include information on (i) the quality and quantity of effluent introduced into the POTW, and (ii) the anticipated impact of the change on the quantity or quality of effluent to be discharged from the POTW.
- (16) **If the permit is issued to a publicly owned or publicly regulated treatment works, the permittee shall require any industrial user of such treatment works to comply with facility requirements concerning:**
- User charges pursuant to Section 204(b) of the Clean Water Act, and applicable regulations appearing in 40 CFR 35;
  - Toxic pollutant effluent standards and pretreatment standards pursuant to Section 307 of the Clean Water Act; and
  - Inspection, monitoring and entry pursuant to Section 308 of the Clean Water Act.
- (17) **If an applicable standard or limitation is promulgated under Section 301(b)(2)(C) and (D), 304(b)(2), or 307(a)(2) and that effluent standard or limitation is more stringent than any effluent limitation in the permit, or controls a pollutant not limited in the permit, the permit shall be promptly modified or revoked, and reissued to conform to that effluent standard or limitation.**
- (18) **Any authorization to construct issued to the permittee pursuant to 35 U.S.C. Code 309.54 is hereby incorporated by reference as a condition of this permit.**
- (19) **The permittee shall not make any false statement, representation or certification in any application, record, report, plan or other document submitted to the Agency or the USEPA, or required to be maintained under this permit.**
- (20) **The Clean Water Act provides that any person who violates a permit condition implementing Sections 301, 302, 306, 307, 308, 318, or 405 of the Clean Water Act is subject to a civil penalty not to exceed \$10,000 per day of such violation. Any person who willfully or negligently violates permit conditions implementing Sections 301, 302, 306, 307, or 308 of the Clean Water Act is subject to a fine of not less than \$2,500, nor more than \$25,000 per day of violation, or by imprisonment for not more than one year, or both.**
- (21) **The Clean Water Act provides that any person who falsifies, tampers with, or knowingly renders inaccurate any monitoring device or method required to be maintained under permit shall, upon conviction, be punished by a fine of not more than \$10,000 per violation, or by imprisonment for not more than 6 months per violation, or by both.**
- (22) **The Clean Water Act provides that any person who knowingly makes any false statement, representation, or certification in any record or other document submitted or required to be maintained under this permit shall, including monitoring reports or reports of compliance or non-compliance shall, upon conviction, be punished by a fine of not more than \$10,000 per violation, or by imprisonment for not more than 6 months per violation, or by both.**
- (23) **Collected screening, slimes, sludges, and other solids shall be disposed of in such a manner as to prevent entry of those wastes (or runoff from the wastes) into waters of the State. The proper authorization for such disposal shall be obtained from the Agency and is incorporated as part hereof by reference.**
- (24) **In case of conflict between these standard conditions and any other condition(s) included in this permit, the other condition(s) shall govern.**
- (25) **The permittee shall comply with, in addition to the requirements of the permit, all applicable provisions of 35 U.S.C. Code, Subtitle C, Subtitle D, Subtitle E, and all applicable orders of the Board.**
- (26) **The provisions of this permit are severable, and if any provision of this permit, or the application of any provision of this permit is held invalid, the remaining provisions of this permit shall continue in full force and effect.**



State of Illinois  
**ENVIRONMENTAL PROTECTION AGENCY**

Mary A. Gade, Director

2309 West Main, Marion, IL 62959

January 7, 1999

618/993-7200

Mr. John Gefferth  
Consolidation Coal Company  
State Route 148 North  
Post Office Box 566  
Sesser, IL 62884

Re: Consolidation Coal Company  
Burning Star No. 4 Mine - South Field  
NPDES Permit No. IL0026492  
IEPA Log No. 0526-98  
Stormwater Monitoring Plan

IEPA DIVISION OF RECORDS MANAGEMENT  
RELEASE

NOV 12 2015

REVIEWER: JKS

Dear Mr. Gefferth:

We received the information concerning the above referenced project, dated November 19, 1998, on November 23, 1998. This information has been reviewed, and based upon that review, the following items are offered for your consideration and appropriate action:

The information provided fulfills the 1998 stormwater monitoring plan requirements of Special Condition No. 7C of the above referenced NPDES permit. The Agency concurs that the stormwater monitoring plan previously submitted and assigned IEPA Log No. 2440-96 does not require updating at this time. However, should site conditions as described in IEPA Log No. 2440-96 change, a modification to the stormwater monitoring plan will be required.

In accordance with Special Condition Nos. 7A and 7B of NPDES Permit No. IL0026492, the grouped discharges shall be monitored for pH and Settleable Solids with the analysis results submitted with the second quarter 1999 Discharge Monitoring Reports.

At such time as this NPDES permit is terminated due to the area being incorporated into NPDES Permit No. IL0052795 (North Field), a composite stormwater monitoring plan should be prepared and submitted under the North Field permit.

Should you have any questions or comments regarding the above, or need any additional information concerning Agency requirements, please contact me at the above telephone number and address.

Sincerely,

Larry D. Grislip, P.E.  
Manager, Permit Section  
Mine Pollution Control Program  
Bureau of Water

LDC:cs/1174c/1-7-99

cc: IDNR/Office of Mines and Minerals

bcc: BOW/MPCP/FOS/Springfield  
BOW/MPCP/FOS/Marion

**INTEROFFICE MEMORANDUM**

DATE: December 28, 1998  
TO: Larry D. Crislip  
FROM: William C. Ryan  
SUBJECT: Consolidation Coal Company  
Burning Star # 4 Mine  
IL0026492 - South Field  
IEPA Log No. 0526-98  
Stormwater Grouping Map

On November 19, 1998 we received a letter from Consolidation Coal Company stating that conditions at the site have not changed relative to the Stormwater regulations and the previously approved Stormwater Monitoring Plan does not require updating.

This area is actually double permitted, having recently been transferred to the North Field Permit (IL0052795). The South Field Permit has not been terminated yet.

The letter is accurate, given IL0026492 continues to remain in effect.

I suggest we approve Log No. 0526-98 as submitted. It will then be automatically terminated with the permit.



Consolidation Coal Company  
Illinois/West Kentucky Operations  
State Route 148 North  
Post Office Box 566  
Sesser, IL 62884  
(618) 625-2041  
Fax: (618) 625-6844

November 19, 1998

Mr. Larry Crislip, P.E.  
Illinois Environmental Protection Agency  
Mine Pollution Control Program  
2309 West Main  
Marion, Illinois 62959

0526 - 108

Due date: 12-31-98

Re: Burning Star #4 South Field Stormwater Monitoring Plan  
NPDES (IL0026492)

Dear Mr. Crislip:

Per special condition number 7, this letter is to inform you that no changes have occurred for Consolidation Coal Companies' Burning Star #4 Mine, South Field. Therefore, updating of the previously submitted stormwater plan is not necessary at this time.

If you have any questions, comments, or need additional information, contact me at (618) 625-6850.

Sincerely,

A handwritten signature in cursive script, reading "John Gefferth".

John Gefferth  
Environmental Engineer

JAG/jag  
SFSTM98.wpd

RECEIVED

NOV 23 1998

IL Environmental Protection Agency  
MARION REGIONAL OFFICE



State of Illinois

# ENVIRONMENTAL PROTECTION AGENCY

Mary A. Gade, Director

2309 West Main, Marion, IL 62959

February 27, 1995

618/993-7200

Consolidation Coal Company  
12755 Olive Boulevard  
St. Louis, Missouri 63141

Re: Consolidation Coal Company  
Burning Star No. 4 Mine (BS4-1) - South Field  
NPDES Permit No. IL0026492  
Final Permit

SEPA DIVISION OF RECORDS MANAGEMENT  
RELEASED

NOV 12 2015

REVIEWER: JKS

Gentlemen:

Attached is the final NPDES Permit for your discharge. The Permit as issued covers discharge limitations, monitoring, and reporting requirements. The failure of you to meet any portion of the Permit could result in civil and/or criminal penalties. The Illinois Environmental Protection Agency is ready and willing to assist you in interpreting any of the conditions of the Permit as they relate specifically to your discharge.

The Permit as issued is effective as of the date indicated on the first page of the Permit. You have the right to appeal any condition of the Permit to the Illinois Pollution Control Board within a 30 day period following the issuance date.

Should you have questions concerning the Permit, please contact Larry D. Crislip, P.E. at the telephone number indicated above.

Sincerely,

ENVIRONMENTAL PROTECTION AGENCY

*Ronald E. Morse*  
Ronald E. Morse, Manager  
Mine Pollution Control Program  
Bureau of Water

REM:LDC:cs/0030C/6-8-94

Attachment: Final Permit

cc: Department of Transportation/Division of Water Resources/with Enclosure  
Department of Mines & Minerals/Land Reclamation/with Enclosure  
Marion Region/Mine Pollution Control Program/Without Enclosure  
Records  
CAS

*RF 02 15*  
MAR 1 1995

IL Environmental Protection Agency

NPDES Permit No. IL0026492  
Illinois Environmental Protection Agency  
Division of Water Pollution Control  
2200 Churchill Road  
P.O. Box 19276

Springfield, Illinois 62794-9276  
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM  
Reissued NPDES Permit

Expiration Date: January 1, 2000

Issue Date: February 27, 1995  
Effective Date: February 27, 1995

Name and Address of Permittee:

Consolidation Coal Company  
12755 Olive Boulevard  
St. Louis, Missouri 63141

Facility Name and Address:

Consolidation Coal Company  
Burning Star No. 4 Mine (BS4-1)  
South Field  
1.5 miles east of Cutler, Illinois  
(Perry County)

Discharge Number and Name:

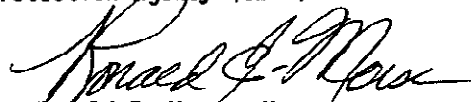
006 - Stormwater Discharge

Receiving Waters

Galum Creek

In compliance with the provisions of the Illinois Environmental Protection Act, Subtitle C and/or Subtitle D Rules and Regulations of the Illinois Pollution Control Board, and the Clean Water Act, the above-named permittee is hereby authorized to discharge at the above location to the above-named receiving stream in accordance with the standard conditions and attachments herein.

Permittee is not authorized to discharge after the above expiration date. In order to receive authorization to discharge beyond the expiration date, the permittee shall submit the proper application as required by the Illinois Environmental Protection Agency (IEPA) not later than 180 days prior to the expiration date.

  
Ronald E. Morse, Manager  
Mine Pollution Control Program  
Bureau of Water

REM:LDC:cs/0031C/6-3-94

## NPDES Coal Mine Permit

NPDES Permit No. IL0026492

## Effluent Limitations and Monitoring

PARAMETER	LOAD LIMITS lbs/day		CONCENTRATION LIMITS mg/l		SAMPLE FREQUENCY	SAMPLE TYPE
	30 DAY AVERAGE	DAILY MAXIMUM	30 DAY AVERAGE	DAILY MAXIMUM		

From the effective date of this Permit until January 1, 2000 the effluent of the, following discharge shall be monitored at all times as follows:

Outfall: 006 (Stormwater Discharge)

Flow (MGD)					Measure When Monitoring	
Settleable Solids				0.5 ml/l	1/year	Grab
pH	The pH shall not be less than 6.0 nor greater than 9.0				1/year	Grab

Storm water discharge monitoring is subject to the following monitoring requirements:

Analysis of samples must be submitted with second quarter Discharge Monitoring Reports.

If discharges can be shown to be similar, a plan may be submitted by November 1 of each year preceeding sampling to propose grouping of similar discharges and/or update previously submitted groupings. If updating of a previously submitted plan is not necessary, a written notification to the Agency indicating such is required. Upon approval from the Agency, one representative sample for each group may be submitted.

NPDES Permit No. IL0026492

Construction Authorization No. 7075-91

C.A. Date June 2, 1994

Authorization is hereby granted to the above designee to construct the mine and mine refuse area described as follows:

A surface coal mining reclamation area designated as the South Field of Burning Star No. 4 Mine. The permitted area of 1999 acres located in Sections 34, 35 and 36, Township 5 South, Range 4 West and Sections 1, 2 and 3, Township 6 South, Range 4 West, Perry County, Illinois, is indicated by the boundaries in IEPA Log #7075-91-C submitted as additional information to the NPDES permit renewal application.

Surface drainage is controlled by one (1) sedimentation pond with discharge designated as Outfall 006 which reports to Galum Creek.

The area including, and the discharge designated as, Outfall 001 is included in this Authorization; however, liability for water quality from this discharge has been transferred to Apogee Coal Company, Captain Mine under NPDES Permit No. IL0033723 as described in IEPA Log #7082-81 and 6092-82.

Pursuant to 35 Ill. Adm. Code 406.203, the water quality standards of 35 Ill. Adm. Code 406.202 as they apply to sulfate, chloride, total dissolved solids, iron and manganese shall not apply to Outfall 006 subject to Condition 10.

The abandonment plan as described in application log #6123-82 shall be executed and completed in accordance with 35 Ill. Adm. Code 405.109. All water remaining upon abandonment must meet the requirements of 35 Ill. Adm. Code 406.106 and 406.202.

This Authorization renews and replaces previous Construction Authorization No. 3023-85 and Supplemental Construction Authorization Nos. 3023-85-1 and 3023-85-2.

This Authorization is issued subject to the following Conditions. If such Conditions require additional or revised facilities, satisfactory engineering plan documents must be submitted to this Agency for review and approval to secure issuance of a Supplemental Authorization to Construct.

1. If any statement or representation is found to be incorrect, this permit may be revoked and the permittee thereupon waives all rights thereunder.
2. The issuance of this permit (a) shall not be considered as in any manner affecting the title of the premises upon which the mine or mine refuse area is to be located; (b) does not release the permittee from any liability for damage to person or property caused by or resulting from the installation, maintenance or operation of the proposed facilities; (c) does not take into consideration the structural stability of any units or parts of the project; and (d) does not release the permittee from compliance with other applicable statutes of the State of Illinois, or with applicable local laws, regulations or ordinances.
3. Final plans, specifications, application and supporting documents as submitted by the person indicated on Page 1 as approved shall constitute part of this permit and are identified by Log #8121-80, 7082-81 and 6123-82 in the records of the Illinois Environmental Protection Agency.
4. This permit may not be assigned or transferred. Any subsequent operator shall obtain a new permit from the Illinois Environmental Protection Agency.
5. There shall be no deviations from the approved plans and specifications unless revised plans, specifications and application shall first have been submitted to the Illinois Environmental Protection Agency and a supplemental permit issued.
6. The permit holder shall notify the Environmental Protection Agency (217/782-3637) immediately of an emergency at the mine or mine refuse area which causes or threatens to cause a sudden discharge of contaminants into the waters of Illinois and shall immediately undertake necessary corrective measures as required by 35 Ill. Admin. Code 405.111. (217/782-3637 for calls between the hours of 5:00 p.m. to 8:30 a.m. and on weekends.)
7. The termination of an NPDES discharge monitoring point or cessation of monitoring of an NPDES discharge is not authorized by this Agency until the permittee submits adequate justification to show what alternate treatment is provided or that untreated drainage will meet applicable effluent and water quality standards.



8. This Agency must be informed in writing and an application submitted if drainage, which was previously classified as alkaline (pH greater than 6.0), becomes acid (pH less than 6.0) or ferruginous (base flow with an iron concentration greater than 10 mg/l). The type of drainage reporting to the basin should be reclassified in a manner consistent with the applicable rule of 35 Ill. Adm. Code 406 as amended in R84-29 at 11 Ill. Reg. 12899. The application should discuss the treatment method and demonstrate how the discharge will meet the applicable standards.
9. A permittee has the obligation to add a settling aid if necessary to meet the suspended solids or settleable solids effluent standards. The selection of a settling aid and the application practice shall be in accordance with a. or b. below.
  - a. Alum ( $\text{Al}_2(\text{SO}_4)_3$ ), hydrated lime ( $\text{Ca}(\text{OH})_2$ ), soda ash ( $\text{Na}_2\text{CO}_3$ ), alkaline pit pumpage, acetylene production by-product (tested for impurities), and ground limestone are acceptable settling aids and are hereby permitted for alkaline mine drainage sedimentation ponds.
  - b. Any other settling aids such as commercial flocculents and coagulants are permitted only on prior approval from the Agency. To obtain approval a permittee must demonstrate in writing to the Agency that such use will not cause a violation of the toxic substances standard of 35 Ill. Adm. Code 302.210 or of the appropriate effluent and water quality standards of 35 Ill. Adm. Code parts 302, 304, and 406.

NPDES Permit No. IL0026492

Special Conditions

Special Condition 1: No effluent from any mine related facility area under this permit shall, alone or in combination with other sources, cause a violation of any applicable water quality standard as set out in the Illinois Pollution Control Board Rules and Regulations, Chapter 1, Subtitle C; Water Pollution, unless specifically exempted under Rule 406.203 of Chapter 1, Subtitle D, Mine Related Water Pollution.

Special Condition 2: Samples taken in compliance with the effluent monitoring requirements shall be taken at a point representative of the discharge, but prior to entry into the receiving stream.

Special Condition 3: The permittee shall record monitoring results on Discharge Monitoring Report Forms using one such form for each discharge each month.

Discharge Monitoring Reports shall be mailed to the IEPA at the following address:

Illinois Environmental Protection Agency  
Division of Water Pollution Control  
2200 Churchill Road  
P.O. Box 19276  
Springfield, Illinois 62794-9276

Attention: Compliance Assurance Section

Special Condition 4: The completed Discharge Monitoring Report form shall be retained by the permittee for a period of three months and shall be mailed and received by the IEPA in accordance with the following schedule, unless otherwise specified by the permitting authority.

Period	Received by IEPA
January, February, March	April 15
April, May, June,	July 15
July, August, September	October 15
October, November, December	January 15

Special Condition 5: If an applicable effluent standard or limitation is promulgated under Sections 301(b)(2)(C) and (D), 304(b)(2), and 307(a)(2) of the Clean Water Act and that effluent standard or limitation is more stringent than any effluent limitation in the permit or controls a pollutant not limited in the NPDES Permit, the Agency shall revise or modify the permit in accordance with the more stringent standard or prohibition and shall so notify the permittee.

Special Condition 6: The permittee shall notify the Agency in writing by certified mail within thirty days of abandonment, cessation, or suspension of active mining for thirty days or more unless caused by a labor dispute. During cessation or suspension of active mining, whether caused by a labor dispute or not, the permittee shall provide whatever interim impoundment, drainage diversion, and wastewater treatment is necessary to avoid violations of the Act or Subtitle D, Chapter 1.

Special Condition 7: Annual stormwater monitoring is required for all discharges not reporting to a sediment basin until final SMCRA Bond is released.

- A. Each discharge must be monitored for pH and settleable solids annually.
- B. Analyses of samples must be submitted in accordance with the second quarter Discharge Monitoring Report schedule. A map with discharge locations must be included in this submittal.
- C. If discharges can be shown to be similar, a plan may be submitted by November 1 of each year preceeding sampling to propose grouping of similar discharges and/or update previously submitted groupings. If updating of a previously submitted plan is not necessary, a written notification to the Agency indicating such is required. Upon approval from the Agency, one representative sample for each group may be submitted.

## ATTACHMENT H

## Standard Conditions

## Definitions

Act means the Illinois Environmental Protection Act, Ch. 111 1/2 Ill. Rev. Stat., Sec. 1001-1052, as Amended.

Agency means the Illinois Environmental Protection Agency.

Board means the Illinois Pollution Control Board.

Clean Water Act (formerly referred to as the Federal Water Pollution Control Act) means Pub. L. 92-500, as amended, 33 U.S.C. 1251 et seq.

NPDES (National Pollutant Discharge Elimination System) means the national program for issuing, modifying, revoking and reissuing, terminating, monitoring and enforcing permits, and imposing and enforcing pretreatment requirements, under Sections 307, 402, 318 and 405 of the Clean Water Act.

USEPA means the United States Environmental Protection Agency.

Daily Discharge means the discharge of a pollutant measured during a calendar day or any 24-hour period that reasonably represents the calendar day for purposes of sampling. For pollutants with limitations expressed in units of mass, the "daily discharge" is calculated as the total mass of the pollutant discharged over the day. For pollutants with limitations expressed in other units of measurements, the "daily discharge" is calculated as the average measurement of the pollutant over the day.

Maximum Daily Discharge Limitation (daily maximum) means the highest allowable daily discharge.

Average Monthly Discharge Limitation (30 day average) means the highest allowable average of daily discharges over a calendar month, calculated as the sum of all daily discharges measured during a calendar month divided by the number of daily discharges measured during that month.

Average Weekly Discharge Limitation (7 day average) means the highest allowable average of daily discharges over a calendar week, calculated as the sum of all daily discharges measured during a calendar week divided by the number of daily discharges measured during that week.

Best Management Practices (BMPs) means schedules of activities, prohibitions of practices, maintenance procedures, and other management practices to prevent or reduce the pollution of waters of the State. BMPs also include treatment requirements, operating procedures, and practices to control plant site runoff, spillage or leaks, sludge or waste disposal, or drainage from raw material storage.

Aliquot means a sample of specified volume used to make up a total composite sample.

Grab Sample means an individual sample of at least 100 milliliters collected at a randomly-selected time over a period not exceeding 15 minutes.

24 Hour Composite Sample means a combination of at least 8 sample aliquots of at least 100 milliliters, collected at periodic intervals during the operating hours of a facility over a 24-hour period.

8 Hour Composite Sample means a combination of at least 3 sample aliquots of at least 100 milliliters, collected at periodic intervals during the operating hours of a facility over an 8-hour period.

Flow Proportional Composite Sample means a combination of sample aliquots of at least 100 milliliters collected at periodic intervals such that either the time interval between each aliquot or the volume of each aliquot is proportional to either the stream flow at the time of sampling or the total stream flow since the collection of the previous aliquot.

- (1) **Duty to comply.** The permittee must comply with all conditions of this permit. Any permit noncompliance constitutes a violation of the Act and is grounds for enforcement action, permit termination, revocation and reissuance, modification, or for denial of a permit renewal application. The permittee shall comply with effluent standards or prohibitions established under Section 307(a) of the Clean Water Act for toxic pollutants within the time provided in the regulations that establish these standards or prohibitions, even if the permit has not yet been modified to incorporate the requirement.
- (2) **Duty to reapply.** If the permittee wishes to continue an activity regulated by this permit after the expiration date of this permit, the permittee must apply for and obtain a new permit. If the permittee submits a proper application as required by the Agency no later than 180 days prior to the expiration date, this permit shall continue in full force and effect until the final Agency decision on the application has been made.
- (3) **Need to halt or reduce activity not a defense.** It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.
- (4) **Duty to mitigate.** The permittee shall take all reasonable steps to minimize or prevent any discharge in violation of this permit which has a reasonable likelihood of adversely affecting human health or the environment.
- (5) **Proper operation and maintenance.** The permittee shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the permittee to achieve compliance with the conditions of this permit. Proper operation and maintenance includes effective performance, adequate funding, adequate operator staffing and training, and adequate laboratory and process controls, including appropriate quality assurance procedures. This provision requires the operation of back-up, or auxiliary facilities, or similar systems only when necessary to achieve compliance with the conditions of the permit.
- (6) **Permit access.** This permit may be modified, revoked and reissued, or terminated for cause by the Agency pursuant to 40 CFR 122.62. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance, does not stay any permit condition.
- (7) **Property rights.** This permit does not convey any property rights of any sort, or any exclusive privilege.
- (8) **Duty to provide information.** The permittee shall furnish to the Agency within a reasonable time, any information which the Agency may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with the permit. The permittee shall also furnish to the Agency, upon request, copies of records required to be kept by this permit.
- (9) **Inspection and entry.** The permittee shall allow an authorized representative of the Agency, upon the presentation of credentials and other documents as may be required by law, to:
  - (a) Enter upon the permittee's premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of this permit;
  - (b) Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;
  - (c) Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this permit; and
  - (d) Sample or monitor at reasonable times, for the purpose of assuring permit compliance, or as otherwise authorized by the Act, any substances or parameters at any location.
- (10) **Monitoring and records.**
  - (a) Samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity.
  - (b) The permittee shall retain records of all monitoring information, including all calibration and maintenance records, and all original strip chart recordings for continuous monitoring instrumentation, copies of all reports required by this permit, and records of all data used to complete the application for this permit, for a period of at least 3 years from the date of the permit, measurement, report or application. This period may be extended by request of the Agency at any time.
  - (c) Records of monitoring information shall include:
    - (1) The date, exact place, and time of sampling or measurements;
    - (2) The individual(s) who performed the sampling or measurements;
    - (3) The date(s) analyses were performed;
    - (4) The individual(s) who performed the analyses;
    - (5) The analytical techniques or methods used; and
    - (6) The results of such analyses.
  - (d) Monitoring must be conducted according to test procedures approved under 40 CFR Part 136, unless other test procedures have been specified in this permit. Where no test procedure under 40 CFR Part 136 has been approved, the permittee must submit to the Agency a test method for approval. The permittee shall calibrate and perform maintenance procedures on all monitoring and analytical instrumentation at intervals to ensure accuracy of measurements.
- (11) **Signatory requirement.** All applications, reports or information submitted to the Agency shall be signed and certified.
  - (a) **Application.** All permit applications shall be signed as follows:
    - (1) For a corporation: by a principal executive officer of at least the level of vice president or a person of position having overall responsibility for environmental matters for the corporation;
    - (2) For a partnership or sole proprietorship: by a general partner or the proprietor, respectively; or
    - (3) For a municipality, State, Federal, or other public agency: by either a principal executive officer or ranking elected official.
  - (b) **Reports.** All reports required by permits, or other information requested by the Agency shall be signed by a person described in paragraph (a) or by a duly authorized representative of that person. A person is a duly authorized representative only if:
    - (1) The authorization is made in writing by a person described in paragraph (a); and
    - (2) The authorization specifies either an individual or a position responsible for the overall operation of the facility, from which the discharge originates, such as a plant manager, superintendent or person of equivalent responsibility; and
    - (3) The written authorization is submitted to the Agency.

- (c) **Changes of Authorization.** If an authorization under (b) is no longer accurate because a different individual or position has responsibility for the overall operation of the facility, a new authorization satisfying the requirements of (b) must be submitted to the Agency prior to or together with any reports, information, or applications to be signed by an authorized representative.
- (12) **Reporting requirements.**
- Planned changes.** The permittee shall give notice to the Agency as soon as possible of any planned physical alterations or additions to the permitted facility.
  - Anticipated noncompliance.** The permittee shall give advance notice to the Agency of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.
  - Compliance schedules.** Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule of this permit shall be submitted no later than 14 days following each schedule date.
  - Monitoring reports.** Monitoring results shall be reported at the intervals specified elsewhere in this permit.
    - Monitoring results must be reported on a Discharge Monitoring Report (DMR).
    - If the permittee monitors any pollutant more frequently than required by the permit, using test procedures approved under 40 CFR 136 or as specified in the permit, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the DMR.
    - Calculations for all limitations which require averaging of measurements shall utilize an arithmetic mean unless otherwise specified by the Agency in the permit.
  - Twenty-four hour reporting.** The permittee shall report any noncompliance which may endanger health or the environment. Any information shall be provided orally within 24 hours from the time the permittee becomes aware of the circumstances. A written submission shall also be provided within 5 days of the time the permittee becomes aware of the circumstances. The written submission shall contain a description of the noncompliance and its cause; the period of noncompliance, including exact dates and times; and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance. The following shall be included as information which must be reported within 24 hours:
    - Any unanticipated bypass which exceeds any effluent limitation in the permit;
    - Violation of a maximum daily discharge limitation for any of the pollutants listed by the Agency in the permit to be reported within 24 hours.

The Agency may waive the written report on a case-by-case basis if the oral report has been received within 24 hours.
  - Other noncompliance.** The permittee shall report all instances of noncompliance not reported under paragraphs (12)(c), (d), or (e), at the time monitoring reports are submitted. The reports shall contain the information listed in paragraph (12)(f).
  - Other information.** Where the permittee becomes aware that it failed to submit any relevant facts in a permit application, or submitted incorrect information in a permit application, or in any report to the Agency, it shall promptly submit such facts or information.
- (13) **Transfer of permits.** A permit may be automatically transferred to a new permittee if:
- The current permittee notifies the Agency at least 30 days in advance of the proposed transfer date;
  - The notice includes a written agreement between the existing and new permittees containing a specific date for transfer of permit responsibility, coverage and liability between the current and new permittees; and
  - The Agency does not notify the existing permittee and the proposed new permittee of its intent to modify or revoke and reissue the permit. If this notice is not received, the transfer is effective on the date specified in the agreement.
- (14) **All manufacturing, commercial, mining, and silvicultural dischargers must notify the Agency as soon as they know or have reason to believe.**
- At any activity has occurred or will occur which would result in the discharge of any toxic pollutant identified under Section 307 of the Clean Water Act which is not limited in the permit, if that discharge will exceed the highest of the following notification levels:
    - One hundred micrograms per liter (100 ug/l);
    - Two hundred micrograms per liter (200 ug/l) for acrolein and acrylonitrile; five hundred micrograms per liter (500 ug/l) for 2,4-dinitrophenol and for 2-methoxy-4,6-dinitrophenol; and one milligram per liter (1 mg/l) for antimony;
    - Five (5) times the maximum concentration value reported for that pollutant in the NPDES permit application; or
    - The level established by the Agency in this permit.
  - That they have begun or expect to begin to use or manufacture as an immediate or final product or byproduct any toxic pollutant which was not reported in the NPDES permit application.
- (15) **All Publicly Owned Treatment Works (POTW) must provide adequate notice to the Agency of the following:**
- Any new introduction of pollutants into that POTW from an indirect discharger which would be subject to Sections 301 or 306 of the Clean Water Act if it were directly discharging those pollutants; and
  - Any substantial change in the volume or character of pollutants being introduced into that POTW by a source introducing pollutants into the POTW at the time of issuance of the permit.
- (c) For purposes of this paragraph, adequate notice shall include information on (i) the quality and quantity of effluent introduced into the POTW, and (ii) any anticipated impact of the change on the quantity or quality of effluent to be discharged from the POTW.
- (16) **If the permit is issued to a publicly owned or publicly regulated treatment works, the permittee shall require any industrial user of such treatment works to comply with Federal requirements concerning:**
- User charges pursuant to Section 204(b) of the Clean Water Act, and applicable regulations appearing in 40 CFR 35;
  - Toxic pollutant effluent standards and pretreatment standards pursuant to Section 307 of the Clean Water Act; and
  - Inspection, monitoring and entry pursuant to Section 308 of the Clean Water Act.
- (17) **If an applicable standard or limitation is promulgated under Section 301(b)(2)(C) and (D), 304(b)(2), or 307(a)(2) and that effluent standard or limitation is more stringent than any effluent limitation in the permit, or controls a pollutant not limited in the permit, the permit shall be promptly modified or revoked, and released to conform to that effluent standard or limitation.**
- (18) **Any authorization to construct issued to the permittee pursuant to 35 U.S.C. Code 309.154 is hereby incorporated by reference as a condition of this permit.**
- (19) **The permittee shall not make any false statement, representation or certification in any application, record, report, plan or other document submitted to the Agency or the USEPA or required to be maintained under this permit.**
- (20) **The Clean Water Act provides that any person who violates a permit condition implementing Sections 301, 302, 306, 307, 308, 318, or 405 of the Clean Water Act is subject to a civil penalty not to exceed \$10,000 per day of such violation. Any person who willfully or negligently violates permit conditions implementing Sections 301, 302, 306, 307, or 308 of the Clean Water Act is subject to a fine of not less than \$2,500, nor more than \$25,000 per day of violation, or by imprisonment for not more than one year, or both.**
- (21) **The Clean Water Act provides that any person who falsifies, tampers with, or knowingly renders inaccurate any monitoring device or method required to be maintained under permit shall, upon conviction, be punished by a fine of not more than \$10,000 per violation, or by imprisonment for not more than 6 months per violation, or by both.**
- (22) **The Clean Water Act provides that any person who knowingly makes any false statement, representation, or certification in any record or other document submitted or required to be maintained under this permit shall, including monitoring reports or reports of compliance or non-compliance shall, upon conviction, be punished by a fine of not more than \$10,000 per violation, or by imprisonment for not more than 6 months per violation, or by both.**
- (23) **Collected screenings, slimes, sludges, and other solids shall be disposed of in such a manner as to prevent entry of those wastes (or runoff from the wastes) into waters of the State. The proper authorization for such disposal shall be obtained from the Agency and is incorporated as part hereof by reference.**
- (24) **In case of conflict between these standard conditions and any other conditions included in this permit, the other conditions shall govern.**
- (25) **The permittee shall comply with, in addition to the requirements of the permit, all applicable provisions of 35 U.S.C. Code, Subtitle C, Subtitle D, Subtitle E, and all applicable orders of the Board.**
- (26) **The provisions of this permit are severable, and if any provision of this permit, or the application of any provision of this permit is held invalid, the remaining provisions of this permit shall continue in full force and effect.**



State of Illinois  
**ENVIRONMENTAL PROTECTION AGENCY**

Mary A. Gade, Director

2309 West Main, Marion, IL 62959

December 1, 1997

618/993-7200

Mr. John Gefferth  
Consolidation Coal Company  
Illinois/West Kentucky Operations  
State Route 148 North  
P.O. Box 566  
Sesser, Illinois 62884

IEPA DIVISION OF RECORDS MANAGEMENT  
RELEASABLE

Re: Consolidation Coal Company  
Burning Star No. 4 Mine - South Field  
NPDES Permit No. IL0026492  
IEPA Log No. 1383-97  
Stormwater Monitoring Plan

NOV 12 2015

REVIEWER: JKS

Dear Mr. Gefferth:

We received the information concerning the above referenced project, dated November 14, 1997, on November 17, 1997. This information has been reviewed, and based upon that review, the following items are offered for your consideration and appropriate action:

The information provided fulfills the 1997 stormwater monitoring map requirements of Special Condition No. 7C of the above referenced NPDES permit. In accordance with Special Condition No. 7A and 7B of NPDES Permit No. IL0026492, each discharge shall be monitored for pH and Settleable Solids with the analysis results submitted with the second quarter 1998 Discharge Monitoring Reports. Should site conditions as described on the previously submitted stormwater monitoring map (IEPA Log No. 2440-96) change, a modification of the stormwater monitoring plan will be required.

Should you have any questions or comments regarding the above, or need any additional information concerning Agency requirements, please contact me at the above telephone number and address.

Sincerely,

Larry D. Crislip, P.E.  
Manager, Permit Section  
Mine Pollution Control Program  
Bureau of Water

LDC:ls/607c/11-24-97

cc: IDNR/Office of Mines and Minerals

bcc: BOW/MPCP/FOS/Springfield  
BOW/MPCP/FOS/Marion ✓



Consolidation Coal Company  
Illinois/West Kentucky Operations  
State Route 148 North  
Post Office Box 566  
Sesser, IL 62884  
(618) 625-2041  
Fax: (618) 625-6844

November 14, 1997

Mr. Larry Crislip, P.E.  
Illinois Environmental Protection Agency  
Mine Pollution Control Program  
2309 West Main  
Marion, Illinois 62959

1383 - 1997

Due Date: 12-26-97

Re: Burning Star #4 South Field Stormwater Monitoring Plan  
NPDES (IL0026492)

Dear Mr. Crislip:

Per special condition number 7, this letter is to inform you that no changes have occurred for Consolidation Coal Companies' Burning Star #4 Mine, South Field. Therefore, updating of the previously submitted stormwater plan is not necessary at this time.

If you have any questions, comments, or need additional information, contact me at (618) 625-6850.

Sincerely,

A handwritten signature in cursive script that reads "John Gefferth".

John Gefferth  
Environmental Engineer

c:\WPWIN60\WPDOCS\BS2\SFSTM97.LET

RECEIVED

NOV 17 1997

IL Environmental Protection Agency  
MARION REGIONAL OFFICE



State of Illinois

# ENVIRONMENTAL PROTECTION AGENCY

*F. L. W. South-Field*

Mary A. Gade, Director

March 3, 1997

2309 West Main, Marion, IL 62959

618/993-7200

Mr. John Gefferth  
Consolidation Coal Company  
Illinois/West Kentucky Operations  
P.O. Box 566  
Sesser, IL 62884

*Map covering both  
N & S. Fields*

Re: Consolidation Coal Company - Burning Star No. 4 Mine  
NPDES Permit Nos. IL0052795 and IL0026492  
IEPA Log No. 1085-97  
Stormwater Monitoring Map

Dear Mr. Gefferth:

We received the information concerning the above referenced project, dated February 19, 1997, on February 20, 1997. This information has been reviewed, and based upon that review, the following items are offered for your consideration and appropriate action:

The information provided fulfills the 1996 requirements of Special Condition Nos. 10C and 7C of the above referenced NPDES permits, respectively. The Agency concurs with the groupings and monitoring locations indicated in IEPA Log No. 1085-97. In accordance with the Special Conditions of the respective NPDES permits, each discharge shall be monitored for pH and Settleable Solids with the analysis results submitted with the second quarter 1997 Discharge Monitoring Reports.

Also, your request to incorporate NPDES Permit No. IL0026492 (South Field) into NPDES Permit No. IL0052795 (North Field) appears acceptable at this time. This request has been assigned a separate IEPA log number (1086-97) and will be addressed in the next NPDES permit modifications for the facility.

Should you have any questions or comments regarding the above, or need any additional information concerning Agency requirements, please contact me at the above telephone number and address.

Sincerely,

Larry D. Crislip, P.E.  
Manager, Permit Section  
Mine Pollution Control Program  
Bureau of Water

LDC:jkb/325c/02-28-97

cc: IDNR/Office of Mines and Minerals  
bcc: BOW/MPCP/FOS/Springfield  
BOW/MPCP/FOS/Marion

IEPA DIVISION OF RECORDS MANAGEMENT  
RELEASEABLE

NOV 12 2015

REVIEWER: JKS



State of Illinois

# ENVIRONMENTAL PROTECTION AGENCY

Mary A. Gade, Director

January 16, 1997

2309 West Main, Marion, IL 62959

618/993-7200

Mr. John Gefferth  
Consolidation Coal Company  
Illinois/West Kentucky Operations  
P.O. Box 566  
Sesser, IL 62884

Re: Consolidation Coal Company  
Burning Star No. 4 Mine - South Field (BS4-1)  
NPDES Permit No. IL0026469  
IEPA Log No. 2440-96  
Stormwater Monitoring Map

IEPA DIVISION OF RECORDS MANAGEMENT  
RELEASABLE

NOV 12 2015

REVIEWER: JKS

Dear Mr. Gefferth:

We received the information concerning the above referenced project, dated December 23, 1996, on December 27, 1996. This information has been reviewed, and based upon that review, the following items are offered for your consideration and appropriate action:

Although the Agency does not concur with the NPDES permit boundary delineated on the map included with the above referenced submittal, the information provided is considered, at this time, to fulfill the 1996 requirements of Special Condition No. 7C of the above referenced NPDES permit. In accordance with Special Condition No. 7A and 7B of NPDES Permit No. IL0026496, each designated discharge shall be monitored for pH and Settleable Solids with the analysis results submitted with the second quarter 1997 Discharge Monitoring Reports.

Please be advised that the acceptance of the information provided in IEPA Log No. 2440-96 is based solely on the Applicant's intent to submit a permit modification to incorporate NPDES Permit No. IL0026496 in its entirety into NPDES Permit No. IL0052795 (Burning Star No. 4 Mine, North Field). This proposed NPDES permit modification request with supporting information should be submitted to the Agency within the next 60 days.

Should you have any questions or comments regarding the above, or need any additional information concerning Agency requirements, please contact me at the above telephone number and address.

Sincerely,

Larry D. Crislip, P.E.  
Manager, Permit Section  
Mine Pollution Control Program  
Bureau of Water

LDC:jkb/280c/01-16-97

cc: IDNR/Office of Mines and Minerals

bcc: BOW/MPCP/FOS/Springfield  
BOW/MPCP/FOS/Marion



2  
Submittals

1-9-

BS #4

Disc w/ J. Gafferty

South Field - IL 0026492

North Field - IL 0052795

Annual Stormwater Monitoring Plans

w/ Permit Modification Request

Put ON HOLD

DO NOT ASSIGN LOG NUMBERS

RE Modifications: They will be submitting  
a proposal to transfer all of  
IL 0026492 to IL 0052795 and  
dropping that Permit.

RE: Stormwater Plan - They will  
submit a revised SW plan with  
the modification request reflecting  
the combined acreage.

B.D.



Consolidation Coal Company  
Illinois/West Kentucky Operations  
Post Office Box 566  
Sesser, Illinois 62884  
(618) 625-2041

December 23, 1996

2440 / 96

*Due Date: 2.5.97*

Mr. Larry Crislip, P.E.  
Manager, Permit Section  
Illinois Environmental Protection Agency  
2309 West Main  
Marion, Illinois 62950

Re: Burning Star No. 4 - South Field (BS4-1)  
NPDES Permit No. IL0026492  
Annual Stormwater Monitoring Plan

Dear Mr. Crislip:

In compliance with the provisions of NPDES Permit No. IL0026492, Special Condition 7, Consolidation Coal Company respectfully submits for your review and consideration our proposed annual stormwater monitoring plan for Burning Star No. 4 South Field (BS4-1). This submittal supersedes the one dated April 15, 1996. In order to clear up some inconsistencies within the two permits at B.S. #4, Consol is requesting to transfer outfall BS4-9(040) and BS4-9(008) from NPDES Permit IL0052795(north field) to NPDES Permit IL0026496(south field) and change their designations to BS4-1(040) and BS4-1(008) respectively. This modification will result in all discharge points in the south field being contained in one permit and all discharge points in the north field being contained in one permit.

NPDES Permit No. IL0026492 was issued by the Illinois Environmental Protection Agency (IEPA) effective February 27, 1995. Special Condition No. 7 requires Consolidation Coal Company to provide a stormwater monitoring plan to the Agency.

If you have questions, comments or need additional information, contact me at (618)625-6850.

Sincerely,

John Gefferth  
Environmental Engineer

c:\WPWIN60\WPDOCS\BS4\BS401STR.DOC  
Enclosure

**RECEIVED**

**DEC 27 1996**

IL Environmental Protection Agency  
MARION REGIONAL OFFICE

**CONSOLIDATION COAL COMPANY**  
**BURNING STAR NO. 4 - SOUTH FIELD**  
**STORMWATER MONITORING PLAN**  
**IL0026492 (BS4-1)**

Burning Star No. 4, South Field is surface coal mining reclamation area consisting of 1999 acres located in Sections 34, 35, and 36, T5S, R4W, and Sections 1, 2, and 3, T6S, R4W, Perry County, Illinois. Except for unaffected areas and small areas of ditch spoil, runoff from all disturbed areas reports to sedimentation control structures that discharge through permitted outfalls. Consol is proposing to transfer two approved discharge points from NPDES IL0052795 (north field) to this permit. When this is approved NPDES Permit IL0026492 will contain approximately 2073 acres.

Burning Star No. 4, South Field remains under a reclamation performance bond posted for Illinois Office of Mines and Minerals (DNR) Permit No. 73, and Permit No. 262. All bonded and disturbed areas outside the NPDES discharge point watersheds were surveyed to determine their applicability to Illinois Environmental Protection Agency (IEPA) rules that regulate stormwater discharges associated with mining activities. Essentially, there are two distinct drainage area groups excluded from the NPDES monitoring program. These areas are the unaffected area and ditch spoil tracts as identified on the enclosed site map. We are requesting that drainage areas with similar features and comparable effluent (i.e. unaffected areas and ditch spoil) be homogeneously grouped for sampling and reporting purposes. Proposed stormwater monitoring locations are identified on the enclosed map as UA-001 for unaffected areas, and DS - 001 for ditch spoil areas.

Spoil recovered during ditch construction was strategically placed to reduce surface erosion and runoff. Each spoil pile was vegetated after construction. Generally, the excavated soils are consistent in properties and behavior. General maintenance practices, drainage and sediment control measures and drainage qualities are similar throughout the permit area for ditch spoil. Therefore, we are seeking to group all ditch spoil areas for monitoring and reporting purposes.

Unaffected areas are areas that are within the permit but have not been disturbed. These areas are very well vegetated. General maintenance practices, drainage and sediment control measures and drainage qualities are similar throughout the permit area for all unaffected areas. Therefore, we are seeking to group all unaffected areas for monitoring and reporting purposes.

The final cut lake is controlled by Arch of Illinois, and is presently being monitor by them.



State of Illinois

# ENVIRONMENTAL PROTECTION AGENCY

Mary A. Gade, Director

2309 West Main, Marion, IL 62959

March 11, 1996

618/993-7200

Mr. John Gefferth  
Consolidation Coal Company  
Mid-Continent Region  
Illinois/West Kentucky Operations  
Post Office Box 556  
Sesser, Illinois 62884

Re: Consolidation Coal Company - Burning Star No. 4 Mine  
NPDES Permit No. IL0026492 (South Field)  
IEPA Log No. 2081-96  
Stormwater Monitoring Plan Submittal Extension

Dear Mr. Gefferth:

We received the information concerning the above referenced project, dated February 29, 1996, on March 4, 1996. This information has been reviewed, and based upon that review, the following items are offered for your consideration and appropriate action:

Approval is hereby granted for a second time extension for submission of the stormwater monitoring plan required in accordance with Special Condition No. 7C of the above referenced NPDES permit. This time extension is hereby granted until April 1, 1996.

Should you have any questions or comments regarding the above, or need any additional information concerning Agency requirements, please contact me at the above telephone number and address.

Respectfully,

ENVIRONMENTAL PROTECTION AGENCY

Larry D. Crislip, P.E.  
Manager, Permit Section  
Mine Pollution Control Program  
Bureau of Water

LDC:ls/0465C/3-11-96

cc: IL Dept. of Natural Resources/Office of Mines and Minerals

bcc: BOW/MPCP/FOS/Springfield  
BOW/MPCP/FOS/Marion

IEPA-DIVISION OF RECORDS MANAGEMENT  
RELEASABLE

NOV 12 2015

REVIEWER: JKS

STATE OF ILLINOIS  
ENVIRONMENTAL PROTECTION AGENCY

IL 532-0357  
ADM 39  
054-002

Subject Consolidation Coal Company - Burning Star No. 4 Mine (South Field)

Data Log No. 2081-96

Reviewed by L. Crislip

Date 03/08/96

Log No. 2081-96 ⇒ Request for extension of time for submission of stormwater monitoring plan

Log No. 2081-96

- Stormwater monitoring plan is to be submitted in accordance with Special Condition No. 7C of NPDES Permit No. IL0026492.
- This is second request for time extension. The first request was due to manpower shortage.
- Normally, a second request would not be granted without extenuating circumstances. In this case, the Applicant recently experienced a layoff of 68 of the 78 people located in the office from which this type of work is generated. In addition, the ten (10) individuals that remain are in the process of relocating due to job reorganization. This reviewer considers this as extenuating circumstances.
- \* Therefore, this second request for a time extension is acceptable.



Consolidation Coal Company  
Mid-Continent Region  
Illinois / West Kentucky Operations  
Post Office Box 566  
Sesser, Illinois 62884  
(618) 625-2041

February 29, 1996

Larry Crislip, P.E.  
Illinois Environmental Protection Agency  
Mine Pollution Control Program  
2309 West Main  
Marion, Illinois 62959

2081 / 96  
Due date: 4-12-96

Re: Burning Star #4 -1 (IL0026492) Stormwater Monitoring Plan

Dear Mr. Crislip:

The purpose of this letter is to request an extension for the Stormwater Pollution Prevention Plan at Consolidation Coal Companies' Burning Star #4 Mine as per special condition number 7. We would like to extend the due date until April 1, 1996. The extension is required due to the closure, relocation, and a reduction in force of our Mid-Continent Region office from St. Louis to Sesser IL..

If you have any questions, comments, or need additional information, contact me at (618) 625-6850.

Sincerely,

A handwritten signature in cursive script that reads "John Gefferth".

John Gefferth  
Environmental Engineer

Enclosure

c:\WPWIN60\WPDOCS\BS4\SSSTORM.LE2

RECEIVED

MAR 6 4 1996

IL Environmental Protection Agency  
MARION REGIONAL OFFICE



State of Illinois

# ENVIRONMENTAL PROTECTION AGENCY

Mary A. Gade, Director

2309 West Main, Marion, IL 62959

November 20, 1995

618/993-7200

Mr. Scott A. Ottele  
Consolidation Coal Company  
Mid-Continent Region  
12755 Olive Boulevard  
St. Louis, MO 63141

Re: Consolidation Coal Company - Burning Star No. 4 Mine  
NPDES Permit No. IL0026492 (South Field)  
IEPA Log No. 3352-95  
Stormwater Monitoring Plan Submittal Extension

Dear Mr. Ottele:

We received the information concerning the above referenced project, dated October 31, 1995, on November 2, 1995. This information has been reviewed, and based upon that review, the following items are offered for your consideration and appropriate action:

Approval is hereby granted for a time extension for submission of the stormwater monitoring plan required in accordance with Special Condition No. 7C of the above referenced NPDES permit. This time extension is hereby granted until March 1, 1996.

Should you have any questions or comments regarding the above, or need any additional information concerning Agency requirements, please contact me at the above telephone number and address.

Respectfully,

ENVIRONMENTAL PROTECTION AGENCY

Larry D. Crislip, P.E.  
Manager, Permit Section  
Mine Pollution Control Program  
Bureau of Water

IEPA DIVISION OF RECORDS MANAGEMENT  
RELEASEABLE

NOV 12 2015  
REVIEWER: JKS

LDC:jkb/0396C/11-20-95

cc: Illinois Dept. of Natural Resources/Office of Mines & Minerals

bcc: BOW/MPCP/FOS/Springfield  
BOW/MPCP/FOS/Marion ✓

STATE OF ILLINOIS  
ENVIRONMENTAL PROTECTION AGENCY

IL 632-0357  
ADM 39  
054-002

Subject Consolidation Coal Company - Burning Star No. 4 Mine (South Field)

Data Log No. 3352-95

Reviewed by L. Crislip 

Date 11/20/95

Log No. 3352-95 ⇒ Annual 1995 Stormwater Monitoring Plan

Log No. 3352-95

- Stormwater monitoring map and groupings are required to be submitted by Nov. 1 of year preceding sampling in accordance with Special Condition No. 7C of NPDES Permit No. IL0026492.
- Applicant herein requests an extension until March 1, of 1996 to submit required map and groupings.
- \* Request was discussed with B. Kerr. Decided that since stormwater samples to be submitted with second quarter Discharge Monitoring Reports are not due until July 1, 1996, submittal of map and groupings by March 1, 1996 should provide sufficient time for review.
- \* In addition, based on telephone conversations with Applicant, Consolidation Coal Company has recently experienced severe downsizing in personnel which is what prompted this request.
- \* Action: Letter to Applicant approving extension of submittal deadline.





Consolidation Coal Company  
Mid-Continent Region  
12755 Olive Boulevard  
St. Louis, Missouri 63141  
(314) 275-2300

October 31, 1995

Mr. Larry Crislip, P.E.  
Illinois Environmental Protection Agency  
Mine Pollution Control Program  
2309 West Main  
Marion, Illinois 62959

3352 • / 95

Due date: 12-14-95

Re: Burning Star #4 -1 (IL0026492) Stormwater Monitoring Plan

Dear Mr. Crislip:

The purpose of this letter is to request an extension for the Stormwater Pollution Prevention Plan at Consolidation Coal Companies' Burning Star #4 Mine as per special condition number 7. We would like to extend the due date until March 1, 1996.

If you have any questions, comments, or need additional information, contact me at (314) 275-2424.

Sincerely,

A handwritten signature in black ink, appearing to read "Scott Ottele", with a stylized flourish at the end.

Scott A. Ottele  
Permit Coordinator

Enclosure

c:\WPWIN60\WPDOCS\BS4\SSSTORM.LET

RECEIVED

NOV 02 1995

IL Environmental Protection Agency  
MARION REGIONAL OFFICE



Consolidation Coal Company  
Mid-Continent Region  
12755 Olive Boulevard  
St. Louis, Missouri 63141  
(314) 275-2300

July 20, 1994

7075-191-C

Due Date: 7-2-94

Mr. Larry Crislip, P.E.  
Illinois Environmental Protection Agency  
Manager, Permit Section  
2309 West Main  
Marion, IL 62950

Re: Burning Star No. 4 Mine (BS4-1) - South Field  
NPDES Permit No. IL0026492

Dear Mr. Crislip:

Enclosed please find three copies of Burning Star #4, NPDES No. IL0026492 boundary map as you requested. Additionally, Table 1 details total acreage covered by IL0026492.

If you have any questions, comments, or require additional information, please do not hesitate to contact me.

Sincerely,

Scott A. Adkins  
Permit Coordinator

/vms

CRISLIP.BS4

Enclosures

cc: J. Gefferth w/o enclosures  
E. Settle " "  
File

DEPARTMENT OF RECORDS MANAGEMENT  
RELEASEABLE

NOV 12 2015

REVIEWER: JKS

RECEIVED  
JUL 22 1994

IL Environmental Protection Agency  
MARION REGIONAL OFFICE

TABLE 1

Consolidation Coal Company			
Burning Star No. 4 Mine (BS 4-1)			
Npdes permit No. IL0026492			
TOTAL ACREAGE	PERMIT 262	SUPPORT AREA	FINAL ACREAGE
2330	74	183	2073

\*\* NOTE \*\* Acreage is estimated.



Consolidation Coal Company  
Mid-Continent Region  
12755 Olive Boulevard  
St. Louis, Missouri 63141  
(314) 275-2300

June 8, 1994

Mr. Larry Crislip, P.E.  
Manager, Permits  
Illinois Environmental Protection Agency  
Mine Pollution Control Program  
Division of Water Pollution Control  
2309 West Main  
Marion, Illinois 62959

4 1 7 5 • / 9 4

Due Date: 7-22-94

IEPA DIVISION OF RECORDS MANAGEMENT  
RELEASABLE

Re: Burning Star No. 4 Mine  
NPDES Permit IL0026492(BS4-1)

NOV 12 2015

REVIEWER: JKS

Dear Mr. Crislip:

Consolidation Coal Company respectfully requests that water monitoring requirements of the Illinois Department of Mines and Minerals found in Section 1816.41(e) and those of the Illinois Environmental Protection Agency's Mine Related Water Pollution program be terminated for IEPA Permit #IL0026492(BS4-1) at Pond 006.

The drainage area for this pond has been graded and stabilized, and vegetative cover has been established. Table 1 summarizes the monitoring data for Outfall 006 from 1/92 through 12/93. In addition, analytical results from a 24 hour composite sample collected on February 26, 1992 are enclosed. Water data from Pond 006 demonstrates that no adverse impacts have occurred to the affected surface waters. Consolidation Coal Company maintains that continued monitoring to detect such impacts is no longer necessary, consequently we wish to terminate water monitoring. A drainage map showing the location of Outfall 006 is enclosed.

If you have any questions or comments, or require additional information, please contact me at the above location.

Sincerely,

Scott A. Adkins  
Permit Coordinator

SAA/vls  
Enclosures  
cc: Gary Minton - IEPA, Marion  
LCRISLIP.BS4

RECEIVED

JUN 09 1994

IL Enviro. Agency  
MARION REGIONAL OFFICE

Table 1

**IL00226492 (BS4-1) 006**  
**WATER QUALITY DATA 01/01/92 THROUGH 12/31/93**

DATE	pH	FLOW (GPM)	SO4 (mg/l)	CL (mg/l)	SETTABLE SOLIDS
Mar-92	8.30	3.00	70.00	11.00	-0.1
Apr-92	8.00	1.00	---	---	-0.1
Dec-92	8.40	5.00	70.00	4.00	-0.1
Mar-93	6.90	1.00	50.00	5.00	-0.1
Jul-93	7.80	1.00	---	---	---
Dec-93	7.20	1.00	74.00	4.50	-0.1
AVERAGE	7.77	2.00	44.00	4.08	0.00
Samples were collected and analyzed on above dates only.					

AMENDED

## LABORATORY REPORT

ARDL, Inc.  
Applied Research and Development Laboratory

ARDL Number - 113035

Date - 03/11/92

Customer - Consolidation Coal Co  
12755 Olive Blvd  
St. Louis, MO 63141  
314-275-2300

Type Sample - Wastewater  
Date Received - 02/26/92  
Hour Received - 1410

Attention - Richard Denning  
Collected by - Customer

Sampling Point - BS4-1(006)  
Date - 02/26/92 Hour - 1135

ARDL Sample Number - 01

Customer Number - Grab

<u>Parameter</u>	<u>Results</u>
Total Cyanide	0.006 mg/l
Fecal Coliform	<1.0/100 ml
Oil and Grease, Freon Extractable	<7.3 mg/l
pH (units)	7.5
Phenol	<0.005 mg/l

End of Report for Sample 01, Page 1 of 3 pages for Invoice 113035

Respectfully submitted:

  
D.J. Gillespie  
Technical Services Manager

P.O. Box 1566 1801 Forest Mt. Vernon, Illinois 62864 (618) 244-3235  
"Test everything. Keep the good." 1 Thes. 5:21

AMENDED

## LABORATORY REPORT

ARDL, Inc.

Applied Research and Development Laboratory

ARDL Number - 113035

Date - 03/11/92

Customer - Consolidation Coal Co  
12755 Olive Blvd  
St. Louis, MO 63141  
314-275-2300

Type Sample - Wastewater  
Date Received - 02/26/92  
Hour Received - 1410

Attention - Richard Denning  
Collected by - Customer

Sampling Point - BS4-1(006)  
Date - 02/26/92      Hour - 1135

ARDL Sample Number - 02

Customer Number - Comp

<u>Parameter</u>	<u>Results</u>
Aluminum	1.4 mg/l
Antimony	<0.025 mg/l
Arsenic	0.035 mg/l
Barium	0.049 mg/l
Beryllium	<0.0010 mg/l
Biological Oxygen Demand	3.6 mg/l
Boron	0.23 mg/l
Bromide	<0.10 mg/l
Cadmium	0.0030 mg/l
Chemical Oxygen Demand	23 mg/l
Color	7.0 alpha
Copper	<0.010 mg/l
Fluoride	0.16 mg/l
Total Iron	1.9 mg/l
Lead	0.38 mg/l
Methylene Blue Active Substances	0.52 mg/l
Magnesium	11 mg/l
Manganese	0.20 mg/l
Mercury	<0.00020 mg/l
Ammonia Nitrogen	1.1 mg/l
Organic Nitrogen	0.3 mg/l
Total Nitrogen	1.4 mg/l
Nickel	0.12 mg/l
Nitrate	0.10 mg/l
Total Chromium	0.16 mg/l

Page 2 of 3 pages. Report for Sample 02 continued on page 3

AMENDED

## LABORATORY REPORT

ARDL, Inc.  
Applied Research and Development Laboratory

ARDL Number - 113035

Date - 03/11/92

Customer - Consolidation Coal Co  
12755 Olive Blvd  
St. Louis, MO 63141  
314-275-2300

Type Sample - Wastewater  
Date Received - 02/26/92  
Hour Received - 1410

Attention - Richard Denning  
Collected by - Customer

Sampling Point - BS4-1(006)  
Date - 02/26/92 Hour - 1135

Report on Sample 113035 - 02, continued from page 2

ARDL Sample Number - 02

Customer Number - Comp

<u>Parameter</u>	<u>Results</u>
Nitrite	<0.005 mg/l
Total Phosphorus	0.071 mg/l
Selenium	0.011 mg/l
Silver	<0.0090 mg/l
Sulfate	75 mg/l
Total Sulfide	<1.0 mg/l
Total Organic Carbon	11 mg/l
Total Suspended Solids	14 mg/l
Thallium	<0.0050 mg/l
Tin	0.77 mg/l
Titanium	0.042 mg/l
Zinc	0.029 mg/l
Cobalt	<0.010 mg/l
Molybdenum	<0.10 mg/l
Sulfite	<2.0 mg/l

End of Report for Sample 02, Page 3 of 3 pages for Invoice 113035

Respectfully submitted:

  
D.J. Billespie  
Technical Services Manager

P.O. Box 1566 1801 Forest Mt. Vernon, Illinois 62864 (618) 244-3235  
"Test everything. Keep the good." 1 Thes. 5:21



PLEASE PRINT OR TYPE IN THE UNSHADED AREAS ONLY. You may report some or all of this information on separate sheets (use the same format) instead of completing these pages. SEE INSTRUCTIONS.

Form Approved  
OMB No. 2040-0086  
Approval expires 7-31-88

EPA I.D. NUMBER (copy from Item 1 of Form J)

IL0026492

B54-1

OUTFALL NO.  
006

V. INTAKE AND EFFLUENT CHARACTERISTICS (continued from page 3 of Form 2-C)

PART A - You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outfall. See instructions for additional details.

1. POLLUTANT	2. EFFLUENT				3. UNITS (specify if blank)		4. INTAKE (optional)	
	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		d. NO. OF ANALYSES	e. CONCENTRATION	f. LONG TERM AVERAGE VALUE (1) CONCENTRATION	g. LONG TERM AVERAGE VALUE (2) MASS
	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				
a. Biochemical Oxygen Demand (BOD)	3.6				1	mg/l		
b. Chemical Oxygen Demand (COD)	23				1	mg/l		
c. Total Organic Carbon (TOC)	11				1	mg/l		
d. Total Suspended Solids (TSS)	14				1	mg/l		
e. Ammonia (as N)	14				1	mg/l		
f. Flow (gpm)	20				17	GPM		
g. Temperature (winter)	Ambient					°C		
h. Temperature (summer)	Ambient					°C		
i. pH	7.5	9.0			7	STANDARD UNITS		

PART B - Mark "X" in column 2-a for each pollutant you know or have reason to believe is present. Mark "X" in column 2-b for each pollutant you believe to be absent. If you mark column 2a for any pollutant which is limited either directly, or indirectly but expressly, in an effluent limitations guideline, you must provide the results of at least one analysis for that pollutant. For other pollutants for which you mark column 2a, you must provide quantitative data or an explanation of their presence in your discharge. Complete one table for each outfall. See the instructions for additional details and requirements.

1. POLLUTANT AND CAS NO. (if available)	2. MARK 'X'	3. EFFLUENT						4. UNITS		5. INTAKE (optional)		6. NO. OF ANALYSES
		a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVERAGE VALUE (if available)		e. LONG TERM AVERAGE VALUE	f. MASS	g. LONG TERM AVERAGE VALUE	h. MASS	
		(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS					
a. Bromide (24959-67-9)	X											
b. Chlorine Total Residual	X											
c. Color	X											
d. Fecal Coliform	X											
e. Fluoride (16984-49-8)	X											
f. Nitrate- Nitrite (as N)	X											

IL 0026492 006

CONTINUED FROM PAGE 3 OF FORM 2-C

Form Approved  
OMB No. 2040-0086  
Approval expires 7-31-88

B54-1

**PART C -** If you are a primary industry and this outfall contains process wastewater, refer to Table 2c-2 in the instructions to determine which of the GC/MS fractions you must test for. Mark "X" in column 2-a for all such GC/MS fractions that apply to your industry and for ALL toxic metals, cyanides, and total phenols. If you are not required to mark column 2-a (secondary industries, nonprocess wastewater outfalls, and nonrequired GC/MS fractions), mark "X" in column 2-b for each pollutant you know or have reason to believe is present. Mark "X" in column 2-c for each pollutant you believe is absent. If you mark column 2a for any pollutant, you must provide the results of at least one analysis for that pollutant. If you mark column 2b for any pollutant, you must provide the results of at least one analysis for that pollutant if you know or have reason to believe it will be discharged in concentrations of 10 ppb or greater. If you mark column 2b for acrolein, acrylonitrile, 2,4 dinitrophenol, or 2-methyl-4, 6 dinitrophenol, you must provide the results of at least one analysis for each of these pollutants which you know or have reason to believe that you discharge in concentrations of 100 ppb or greater. Otherwise, for pollutants for which you mark column 2b, you must either submit at least one analysis or briefly describe the reasons the pollutant is expected to be discharged. Note that there are 7 pages to this part; please review each carefully. Complete one table (all 7 pages) for each outfall. See instructions for additional details and requirements.

1. POLLUTANT AND GAS NUMBER (if available)	2. MARK 'X'		3. EFFLUENT			4. UNITS		5. INTAKE (optional)	
	TESTING REQUIRED	TESTING REQUIRED	a. MAXIMUM DAILY VALUE	b. MAXIMUM 30 DAY VALUE (if available)	c. LONG TERM AVERAGE VALUE (if available)	d. NO. OF ANALYSES	e. CONCENTRATION	f. LONG TERM AVERAGE VALUE	g. NO. OF ANALYSES
			(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS		(1) CONCENTRATION	(2) MASS
<b>METALS, CYANIDE, AND TOTAL PHENOLS</b>									
1M. Antimony, Total (7440-36-0)	X		<0.025			1	mg/l		
2M. Arsenic, Total (7440-38-2)	X		0.035			1	mg/l		
3M. Beryllium, Total (7440-41-7)	X		<0.0010			1	mg/l		
4M. Cadmium, Total (7440-43-9)	X		0.0030			1	mg/l		
5M. Chromium, Total (7440-47-3)	X		0.16			1	mg/l		
6M. Copper, Total (7440-50-8)	X		<0.010			1	mg/l		
7M. Lead, Total (7439-92-1)	X		0.38			1	mg/l		
8M. Mercury, Total (7439-97-6)	X		<0.00020			1	mg/l		
9M. Nickel, Total (7440-02-0)	X		0.12			1	mg/l		
10M. Selenium, Total (7782-49-2)	X		0.011			1	mg/l		
11M. Silver, Total (7440-22-4)	X		<0.0040			1	mg/l		
12M. Thallium, Total (7440-28-0)	X		<0.0050			1	mg/l		
13M. Zinc, Total (7440-66-6)	X		0.029			1	mg/l		
14M. Cyanide, Total (57-12-5)	X		0.006			1	mg/l		
15M. Phenols, Total	X		<0.005			1	mg/l		

## DIOXIN

2.3.7.8-Tetra-chlorodibenzo-P-Dioxin (1764-01-6)		DESCRIBE RESULTS	
	X		

STATE OF ILLINOIS  
ENVIRONMENTAL PROTECTION AGENCY

IL 532-0357  
ADM 39  
054-002

Subject CONSOLIDATION COAL CO. - BURNING STAR #4 (SOUTH FIELD)  
Data VARIOUS  
Reviewed by L. CRISLIN Date 6-1-94

Log # 7075-91-B ⇒ NPDES PERMIT NO. IL0026492  
RENEWAL ADDITIONAL INFORMATION.

Log # 7075-91-B

AS REQUESTED IN CORRESPONDENCE DATED DEC. 30, 1991 FROM JOYCE HUNIE, A COMPLETED FORM 2-C WAS SUBMITTED FOR OUTFALL DOB. THIS IS THE ONLY OUTFALL APPROVED UNDER THIS PERMIT.

SINCE OUTFALL DOB IS CONTAINED WITHIN THE NORTH FIELD AND NO RESPONSE IS MADE REGARDING THE NEED FOR A FUTURE OUTFALL, ONLY OUTFALL DOB WILL BE INCLUDED IN THE NPDES PERMIT RENEWAL.

EPA-DIVISION OF RECORDS MANAGEMENT  
RELEASABLE

NOV 12 2015

REVIEWER: JKS

Log # 6029-92  
§ #6029-92-A ⇒ IDHM PERMIT #262 APPLICATION AND WRITTEN FINDINGS.

Log # 6029-92 & 6029-92-A (THIS PROPOSAL WAS APPROVED UNDER  
Log # 7046-91 - NPDES PERMIT NO. IL0052795)

THE ONLY AGENCY QUESTION REGARDING THE APPLICATION CONCERNED THE SUBMERGED LEVEE INDICATED ON THE OPERATIONS MAP. THIS "LEVEE" IS AN OLD CONSTRUCTION ACCESS ROAD THAT WAS INTENTIONALLY BUILT LOW TO BE BELOW THE FINAL WATER ELEVATION. ADDITIONAL MATERIAL IS PROPOSED TO BE ADDED TO RAISE THE "LEVEE" SOMEWHAT, BUT STILL REMAIN BELOW THE FINAL WATER LEVEL. THE MAXIMUM WATER LEVEL DIFFERENCE DURING OPERATIONS WILL BE 3-4 FEET. NO STABILITY PROBLEMS ARE ANTICIPATED.

STATE OF ILLINOIS  
ENVIRONMENTAL PROTECTION AGENCY

IL 532-0357  
ADM 39  
054-002

Subject CONSOLIDATION LOCAL CO. - BURNING STAR #4 (SOUTH FIELD)  
Data 7075-91-C, 5339-93 & 4175-94

Reviewed by L. CAISLIP

Date 7-25-94

Page 1/2

Log # 7075-91-C => UPDATED NPDES PERMIT AREA MAP  
(DATED 7/1/94) SUBMITTED AS ADDITIONAL  
INFORMATION TO PERMIT RENEWAL  
APPLICATION (Log # 7075-91).

Log # 7075-91-C

MAP AND AREA INFORMATION IS ACCEPTABLE.  
CURRENT PERMIT AREA CONSISTS OF  
2073 ACRES.

Log # 5339-93 => FINDINGS OF EXPERIMENTAL PRACTICE  
FOR SLURRY DISPOSAL AREA  
(IOMM PERMIT 120 - 72 ACRES).

Log # 5339-93

NO PERMIT ACTION REQUIRED BY THE  
AGENCY ON THIS SUBMITTAL.

FILE WITH NAR'S.

SEPA DIVISION OF RECORDS MANAGEMENT  
RELEASABLE

NOV 12 2015

REVIEWER: JKS

STATE OF ILLINOIS  
ENVIRONMENTAL PROTECTION AGENCY

IL 532-0357  
ADM 39  
054-002

Subject CONSOLIDATION COAL CO. - BURNING STAR #4 (SOUTH FIELD)

Data 7075-91-C, 5339-93 & 4175-94

Reviewed by L. CRISLIP

Date 7-25-94

Page 2/2

Log # 4175-94 ⇒ REQUEST TO ELIMINATE MONITORING REQUIREMENTS FOR OUTFALL 006.

Log # 4175-94

SUBMITTED DATA INDICATES THAT OUTFALL HAS NOT EXCEEDED RECLAMATION EFFLUENT STANDARDS BETWEEN JAN. 1992 AND DEC. 1993. ADDITIONAL ANALYSIS WAS INCLUDED FOR CONSTITUENTS GENERALLY REQUIRED FOR GROUNDWATER MONITORING. THESE CONSTITUENTS ALSO APPEAR TO PRECLUDE THE POSSIBILITY OF SURFACE WATER DEGRADATION.

PROPOSAL IS ACCEPTABLE. HOWEVER, RUNOFF FROM AREA IS SUBJECT TO REQUIREMENTS OF STORMWATER REGULATIONS.

EPA-DIVISION OF RECORDS MANAGEMENT  
RELEASABLE

NOV 12 2015

REVIEWER: JKS



Illinois Environmental Protection Agency • P. O. Box 19276, Springfield, IL 62794-9276

217/782-1696

Consolidation Coal Company  
Burning Star 4-1 Southfield  
NPDES Permit No. IL0026492  
Modification of NPDES Permit (After Public Notice)

9096-89

April 5, 1990

Consolidation Coal Company  
12765 Clive Boulevard  
St. Louis, Missouri 63141

Gentlemen:

The Illinois Environmental Protection Agency has reviewed the request for modification of the above-referenced NPDES Permit and issued a public notice based on that request. The final decision of the Agency is to modify the Permit as follows:

Addition of Construction Authorization No. 3023-85-2 dated December 22, 1989. This will drop Outfall 007 and reclassify Outfall 006 to a reclamation area discharge.

Enclosed is a copy of the modified Permit.

Should you have any question or comments regarding the above, please contact Steve Hightingale of my staff.

Very truly yours,

Thomas C. McSwiggan, P.E.  
Manager, Permit Section  
Division of Water Pollution Control

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY  
DIVISION OF RECORDS MANAGEMENT  
RELEASABLE

NOV 12 2015

REVIEWER: JKS

SPH/mls/0050a/49

re

5NQP/With Enclosure

Region/Line Pollution Control Program/With Enclosure ✓

of Transportation/Division of Water Resources/With Enclosure

of Mines and Minerals/Land Reclamation/With Enclosure

Control Program/With Enclosure

sure

NPDES Permit No. IL0026492

Illinois Environmental Protection Agency

Division of Water Pollution Control

2200 Churchill Road

Springfield, Illinois 62706

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM

Modified (NPDES) Permit

Expiration Date: December 1, 1991  
Modification Issue Date: April 5, 1990  
Modification Effective Date: May 5, 1990  
Name and Address of Permittee:

Consolidation Coal Company  
12755 Olive Boulevard  
St. Louis, Missouri 63141

Issue Date: April 23, 1987  
Effective Date: May 23, 1987

Facility Name and Address:

Consolidation Coal Company  
Burning Star 4-1 Southfield  
Rural Route 1  
Cutler, Illinois  
Perry County

Discharge Number and Name:

006 - Reclamation Area Discharge

Receiving Waters

Gallum Creek

In compliance with the provisions of the Illinois Environmental Protection Act, Subtitle C and/or Subtitle D Rules and Regulations of the Illinois Pollution Control Board, and the Clean Water Act, the above-named permittee is hereby authorized to discharge at the above location to the above-named receiving stream in accordance with the standard conditions and attachments herein.

Permittee is not authorized to discharge after the above expiration date. In order to receive authorization to discharge beyond the expiration date, the permittee shall submit the proper application as required by the Illinois Environmental Protection Agency (IEPA) not later than 180 days prior to the expiration date.



Thomas G. McSwiggin, P.E.  
Manager, Permit Section  
Division of Water Pollution Control

TGM:JP/mls/sp0998g/3

## NPDES Permit No. IL0026492

## Effluent Limitations and Monitoring

PARAMETER	LOAD LIMITS lbs/day		CONCENTRATION LIMITS mg/l		SAMPLE FREQUENCY	SAMPLE TYPE
	30 DAY AVG.	DAILY MAX.	30 DAY AVG.	DAILY MAX.		

1. From the effective date of this permit until December 1, 1991, the effluent of the following discharge(s) shall be monitored and limited at all times as follows:

Outfall: 006

Flow (MGD)					Measure When Monitoring	
Settleable Solids			0.5 ml/l		1/Month	Grab
pH	The pH shall not be less than 6.0 nor greater than 9.0.				1/Month	Grab
Sulfates			3500		"	Grab
Chlorides			1000		"	Grab

\*Sample frequency shall be once a month until twelve samples have been collected; after which and upon written notification to the Agency, the sampling may cease, unless the Agency modifies the permit to require continued sampling at some frequency.

In addition to the above base flow sampling requirements, a grab sample of each discharge caused by the following precipitation event(s) shall be taken (for the following parameters) during at least 3 separate events each quarter. For quarters in which there are less than 3 such precipitation events resulting in discharges, a grab sample of the discharge shall be required whenever such precipitation event(s) occur(s).

Any discharge or increase in the volume of a discharge caused by precipitation within any 24-hour period greater than the 10-year, 24-hour precipitation event (or snowmelt of equivalent volume) shall comply with the following limitations:

Pollutant or Pollutant Property  
pH

Effluent Limitations  
6.0 - 9.0 at all times



NPDES Permit No. IL0026492

Construction Authorization No.: 3023-85

Authorization is hereby granted to the above designee to construct the mine and mine refuse area described as follows:

A slurry disposal area and reclamation activities located in Sections 1, 2, 3 and 4 of T.6S., R.4W. and Sections 21, 22, 23, 26, 27, 34, 35 and 36 of T.5S., R.4W. in Perry County as shown by the existing permit boundaries on Map A in IEPA Log #9129-79 (IDMM #881) with the exception of those areas contained in NPDES permit IL0052795, IEPA Log #6123B-82 and 5070-83.

The surface drainage is controlled by two (2) sedimentation ponds with discharges 854-1 (006 and 007). These ponds do not qualify for the rainfall exemption of 35 Ill. Adm. Code 406.106(b)(3). Proposed discharges 854-1 (008, 009 and 010) were never constructed and are hereby dropped from this permit. Discharge 854-1 (001) remains in this authorization but is the responsibility of Arch of Illinois, Inc. Captain Mine. Under IL0033723 Pond 001 receives drainage as described in IEPA Log #6092-82 and 7082-81. Pursuant to 35 Ill. Adm. Code 406.203 the water quality standards of 35 Ill. Adm. Code 406.202 as they apply to sulfates, chlorides, total dissolved solids, iron and manganese shall not apply to discharges 006 and 007 subject to Special Condition 1.

Abandonment plans as shown in application IEPA Log #6123-82 shall be executed and completed in accordance with 35 Ill. Adm. Code 405.109. All impoundments remaining upon abandonment must meet the requirements of 35 Ill. Adm. Code 406.202 and 406.106.

This Authorization is issued subject to the following Condition(s). If such Condition(s) require(s) additional or revised facilities, satisfactory engineering plan documents must be submitted to this Agency for review and approval to secure issuance of a Supplemental Authorization to Construct.

1. Any of the following shall be a violation of the provisions required under 35 Ill. Adm. Code 406.203(c):
  - A. It is demonstrated that an adverse effect on the environment in and around the receiving stream has occurred or is likely to occur.
  - B. It is demonstrated that the discharge has adversely affected or is likely to adversely affect any public water supply.
  - C. The Agency determines the permittee is not utilizing good mining practices which are applicable in order to minimize the discharge of total dissolved solids, chloride, sulfate, iron and manganese. The following concentrations are presumed achievable according to information in the application, and demonstrate the utilization of good mining practices. The Agency may require additional information to determine compliance with 35 Ill. Adm. Code 406.204 when they are exceeded.

<u>Outfall</u>	<u>Chloride in mg/l</u>	<u>Sulfate in mg/l</u>	<u>Other</u>
006, 007	500	800	

2. If any statement or representation is found to be incorrect, this permit may be revoked and the permittee thereupon waives all rights thereunder.
3. The issuance of this permit (a) shall not be considered as in any manner affecting the title of the premises upon which the mine or mine refuse area is to be located; (b) does not release the permittee from any liability for damage to person or property caused by or resulting from the installation, maintenance or operation of the proposed facilities; (c) does not take into consideration the structural stability of any units or parts of the project; and (d) does not release the permittee from compliance with other applicable statutes of the State of Illinois, or with applicable local laws, regulations or ordinances.
4. Final plans, specifications, application and supporting documents as submitted by the person indicated on Page 1 as approved shall constitute part of this permit and are identified by Log #6123-82, 7082-81, 8121-80 in the records of the Illinois Environmental Protection Agency.
5. This permit may not be assigned or transferred. Any subsequent operator shall obtain a new permit from the Illinois Environmental Protection Agency.
6. There shall be no deviations from the approved plans and specifications unless revised plans, specifications and application shall first have been submitted to the Illinois Environmental Protection Agency and a supplemental permit issued.

Modification Date: April 5, 1990

NPDES Permit No. IL0026492

Construction Authorization No.: 3023-85

7. The permit holder shall notify the Illinois Environmental Protection Agency (217/782-3637) immediately of an emergency at the mine or mine refuse area which causes or threatens to cause a sudden discharge of contaminants into the waters of Illinois and shall immediately undertake necessary corrective measures as required by Rule 405.111. (217/782-3637 for calls between the hours of 5:00 p.m. to 8:30 a.m. and on weekends.)
8. No effluent from any mine or mine refuse area under this permit shall, alone or in combination with other sources, cause a violation of any applicable water quality standard as set out in Title 35. Environmental Protection, Subtitle C: Water Pollution, Chapter I: Pollution Control Board.
9. The termination of an NPDES discharge monitoring point or cessation of monitoring of an NPDES discharge is not authorized by this Agency until the permittee submits adequate justification to show what alternate treatment is provided or that untreated drainage will meet applicable effluent and water quality standards.

Supplemental Construction Authorization  
No. 3023-85-1

Supplemental Authorization is hereby granted to the above designee to construct mine and mine refuse area, which were previously approved under Authorization No. 3023-86 dated April 24, 1986. These facilities have been revised as follows:

The addition of 6.1 acres for a 60 foot wide corridor in the area designated on the mining operation map with application log #2092-86. The acreage will be used for a new slurry line and a dual pipe freshwater line.

This operation will not affect the approved drainage control nor refuse disposal plan.

The abandonment of this area shall be executed and completed in accordance with 35 Ill. Adm. Code 405.109.

Supplemental Construction Authorization  
No. 3023-85-2  
S.C.A. Date: December 22, 1989

Supplemental Authorization is hereby granted to the above designee to construct mine and mine refuse area, which were previously approved under Authorization No. 2092-86 dated November 7, 1985. These facilities have been revised as follows:

Discharge 007 and the associated watershed has been reclaimed as approved in application Log #7082-81 and 8121-80. This authorization drops discharge 007 and 13.7 acres located in Section 35 of T.5S., R.4W. of Perry County as shown in application Log #9096-89. Discharge 006 is classified reclamation area discharge.

All Conditions in the original Authorization to Construct are incorporated in this Supplemental Authorization unless specifically deleted or revised herein.

JM/sp0998g/7

Page 5

NPDES Permit No. NO.  
Special Conditions

1. Samples taken in compliance with the effluent monitoring requirements shall be taken at a point representative of the discharge, but prior to entry into the receiving stream.
2. No effluent from any mine related facility area under this permit shall, alone or in combination with other sources, cause a violation of any applicable water quality standard as set out in the Illinois Pollution Control Board Rules and Regulations, Chapter 1, Subtitle C: Water Pollution, unless specifically exempted under Rule 406.203 of Chapter 1, Subtitle D, Mine Related Water Pollution.
3. The permittee shall record monitoring results on Discharge Monitoring Report Forms using one such form for each discharge each month.

Discharge Monitoring Reports shall be mailed to the IEPA at the following address:

Illinois Environmental Protection Agency  
Division of Water Pollution Control  
2200 Churchill Road  
P.O. Box 19276  
Springfield, Illinois 62794-9276

Attention: - Mine Pollution Control Program

4. The completed Discharge Monitoring Report form shall be retained by the permittee for a period of three months and shall be mailed and received by the IEPA in accordance with the following schedule, unless otherwise specified by the permitting authority.

Period	Received by IEPA
January, February, March	April 15
April, May, June	July 15
July, August, September	October 15
October, November, December	January 15

## ATTACHMENT H

## Standard Conditions

## Definitions

**Act** means the Illinois Environmental Protection Act, Ch. 111.1.2 Ill. Rev. Stat., Sec. 1001-1052 as Amended.

**Agency** means the Illinois Environmental Protection Agency.

**Board** means the Illinois Pollution Control Board.

**Clean Water Act** (formerly referred to as the Federal Water Pollution Control Act) means Pub. L. 92-500, as amended, 33 U.S.C. 1251 et seq.

**NPDES** (National Pollutant Discharge Elimination System) means the national program for issuing, modifying, revoking and reissuing, terminating, monitoring and enforcing permits, and imposing and enforcing pretreatment requirements, under Sections 307, 402, 318 and 405 of the Clean Water Act.

**USEPA** means the United States Environmental Protection Agency.

**Daily Discharge** means the discharge of a pollutant measured during a calendar day or any 24-hour period that reasonably represents the calendar day for purposes of sampling. For pollutants with limitations expressed in units of mass, the "daily discharge" is calculated as the total mass of the pollutant discharged over the day. For pollutants with limitations expressed in other units of measurements, the "daily discharge" is calculated as the average measurement of the pollutant over the day.

**Maximum Daily Discharge Limitation** (daily maximum) means the highest allowable daily discharge.

**Average Monthly Discharge Limitation** (30 day average) means the highest allowable average of daily discharges over a calendar month, calculated as the sum of all daily discharges measured during a calendar month divided by the number of daily discharges measured during that month.

**Average Weekly Discharge Limitation** (7 day average) means the highest allowable average of daily discharges over a calendar week, calculated as the sum of all daily discharges measured during a calendar week divided by the number of daily discharges measured during that week.

**Best Management Practices (BMPs)** means schedules of activities, prohibitions of practices, maintenance procedures, and other management practices to prevent or reduce the pollution of waters of the State. BMPs also include treatment requirements, operating procedures, and practices to control plant site runoff, spillage or leaks, sludge or waste disposal, or drainage from raw material storage.

**Aliquot** means a sample of specified volume used to make up a total composite sample.

**Grab Sample** means an individual sample of at least 100 milliliters collected at a randomly-selected time over a period not exceeding 15 minutes.

**24 Hour Composite Sample** means a combination of at least 8 sample aliquots of at least 100 milliliters, collected at periodic intervals during the operating hours of a facility over a 24-hour period.

**8 Hour Composite Sample** means a combination of at least 3 sample aliquots of at least 100 milliliters, collected at periodic intervals during the operating hours of a facility over an 8-hour period.

**Flow Proportional Composite Sample** means a combination of sample aliquots of at least 100 milliliters collected at periodic intervals such that either the time interval between each aliquot or the volume of each aliquot is proportional to either the stream flow at the time of sampling or the total stream flow since the collection of the previous aliquot.

- (1) **Duty to comply.** The permittee must comply with all conditions of this permit. Any permit noncompliance constitutes a violation of the Act and is grounds for enforcement action, permit termination, revocation and reissuance, modification, or for denial of a permit renewal application. The permittee shall comply with effluent standards or prohibitions established under Section 307(a) of the Clean Water Act for toxic pollutants within the time provided in the regulations that establish these standards or prohibitions, even if the permit has not yet been modified to incorporate the requirement.
- (2) **Duty to reapply.** If the permittee wishes to continue an activity regulated by this permit after the expiration date of this permit, the permittee must apply for and obtain a new permit. If the permittee submits a proper application as required by the Agency no later than 180 days prior to the expiration date, this permit shall continue in full force and effect until the final Agency decision on the application has been made.
- (3) **Need to halt or reduce activity not a defense.** It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.
- (4) **Duty to mitigate.** The permittee shall take all reasonable steps to minimize or prevent any discharge in violation of this permit which has a reasonable likelihood of adversely affecting human health or the environment.
- (5) **Proper operation and maintenance.** The permittee shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the permittee to achieve compliance with the conditions of this permit. Proper operation and maintenance includes effective performance, adequate funding, adequate operator staffing and training, and adequate laboratory and process controls, including appropriate quality assurance procedures. This provision requires the operation of back-up, or auxiliary facilities, or similar systems only when necessary to achieve compliance with the conditions of the permit.
- (6) **Permit actions.** This permit may be modified, revoked and reissued, or terminated for cause by the Agency pursuant to 40 CFR 122.62. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance, does not stay any permit condition.
- (7) **Property rights.** This permit does not convey any property rights of any sort, or any exclusive privilege.
- (8) **Duty to provide information.** The permittee shall furnish to the Agency within a reasonable time, any information which the Agency may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with the permit. The permittee shall also furnish to the Agency, upon request, copies of records required to be kept by this permit.
- (9) **Inspection and entry.** The permittee shall allow an authorized representative of the Agency, upon the presentation of credentials and other documents as may be required by law, to:
  - (a) Enter upon the permittee's premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of this permit;
  - (b) Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;
  - (c) Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this permit; and
  - (d) Sample or monitor at reasonable times, for the purpose of assuring permit compliance, or as otherwise authorized by the Act, any substances or parameters at any location.
- (10) **Monitoring and records.**
  - (a) Samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity.
  - (b) The permittee shall retain records of all monitoring information, including all calibration and maintenance records, and all original strip chart recordings for continuous monitoring instrumentation, copies of all reports required by this permit, and records of all data used to complete the application for this permit, for a period of at least 3 years from the date of this permit, measurement, report or application. This period may be extended by request of the Agency at any time.
  - (c) Records of monitoring information shall include:
    - (1) The date, exact place, and time of sampling or measurements;
    - (2) The individual(s) who performed the sampling or measurements;
    - (3) The date(s) analyses were performed;
    - (4) The individual(s) who performed the analyses;
    - (5) The analytical techniques or methods used; and
    - (6) The results of such analyses.
  - (d) Monitoring must be conducted according to test procedures approved under 40 CFR Part 136, unless other test procedures have been specified in this permit. Where no test procedure under 40 CFR Part 136 has been approved, the permittee must submit to the Agency a test method for approval. The permittee shall calibrate and perform maintenance procedures on all monitoring and analytical instrumentation at intervals to ensure accuracy of measurements.
- (11) **Signatory requirement.** All applications, reports or information submitted to the Agency shall be signed and certified.
  - (a) **Application.** All permit applications shall be signed as follows:
    - (1) For a corporation: by a principal executive officer of at least the level of vice president or a person or position having overall responsibility for environmental matters for the corporation;
    - (2) For a partnership or sole proprietorship: by a general partner or the proprietor, respectively; or
    - (3) For a municipality, State, Federal, or other public agency: by either a principal executive officer or ranking elected official.
  - (b) **Reports.** All reports required by permits, or other information requested by the Agency shall be signed by a person described in paragraph (a) or by a duly authorized representative of that person. A person is a duly authorized representative only if:
    - (1) The authorization is made in writing by a person described in paragraph (a); and
    - (2) The authorization specifies either an individual or a position responsible for the overall operation of the facility, from which the discharge originates, such as a plant manager, superintendent or person of equivalent responsibility; and
    - (3) The written authorization is submitted to the Agency.

- (c) **Changes of Authorization.** If an authorization under (b) is no longer accurate because a different individual or position has responsibility for the overall operation of the facility, a new authorization satisfying the requirements of (b) must be submitted to the Agency prior to or together with any reports, information, or applications to be signed by an authorized representative.
- (12) **Reporting requirements.**
- (a) **Planned changes.** The permittee shall give notice to the Agency as soon as possible of any planned physical alterations or additions to the permitted facility.
- (b) **Anticipated noncompliance.** The permittee shall give advance notice to the Agency of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.
- (c) **Compliance schedules.** Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule of this permit shall be submitted no later than 14 days following each schedule date.
- (d) **Monitoring reports.** Monitoring results shall be reported at the intervals specified elsewhere in this permit.
- (1) Monitoring results must be reported on a Discharge Monitoring Report (DMR).
- (2) If the permittee monitors any pollutant more frequently than required by the permit, using test procedures approved under 40 CFR 136 or as specified in the permit, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the DMR.
- (3) Calculations for all limitations which require averaging of measurements shall utilize an arithmetic mean unless otherwise specified by the Agency in the permit.
- (e) **Twenty-four hour reporting.** The permittee shall report any noncompliance which may endanger health or the environment. Any information shall be provided orally within 24 hours from the time the permittee becomes aware of the circumstances. A written submission shall also be provided within 5 days of the time the permittee becomes aware of the circumstances. The written submission shall contain a description of the noncompliance and its cause; the period of noncompliance, including exact dates and times; and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance. The following shall be included as information which must be reported within 24 hours:
- (1) Any unanticipated bypass which exceeds any effluent limitation in the permit;
- (2) Violation of a maximum daily discharge limitation for any of the pollutants listed by the Agency in the permit to be reported within 24 hours;
- The Agency may waive the written report on a case-by-case basis if the oral report has been received within 24 hours.
- (f) **Other noncompliance.** The permittee shall report all instances of noncompliance not reported under paragraphs (12)(c), (d), or (e), at the time monitoring reports are submitted. The reports shall contain the information listed in paragraph (12)(e).
- (g) **Other information.** Where the permittee becomes aware that it failed to submit any relevant facts in a permit application, or submitted incorrect information in a permit application, or in any report to the Agency, it shall promptly submit such facts or information.
- (13) **Transfer of permits.** A permit may be automatically transferred to a new permittee if:
- (a) The current permittee notifies the Agency at least 30 days in advance of the proposed transfer date;
- (b) The notice includes a written agreement between the existing and new permittees containing a specific date for transfer of permit responsibility, coverage and liability between the current and new permittees; and
- (c) The Agency does not notify the existing permittee and the proposed new permittee of its intent to modify or revoke and reissue the permit. If this notice is not received, the transfer is effective on the date specified in the agreement.
- (14) **All manufacturing, commercial, mining, and silvicultural dischargers must notify the Agency as soon as they know or have reason to believe:**
- (a) That any activity has occurred or will occur which would result in the discharge of any toxic pollutant identified under Section 307 of the Clean Water Act which is not limited in the permit, if that discharge will exceed the highest of the following notification levels:
- (1) One hundred micrograms per liter (100 ug/l);
- (2) Two hundred micrograms per liter (200 ug/l) for acrolein and acrylonitrile; five hundred micrograms per liter (500 ug/l) for 2,4-dinitrophenol and for 2-methyl-4,6-dinitrophenol; and one milligram per liter (1 mg/l) for antimony;
- (3) Five (5) times the maximum concentration value reported for that pollutant in the NPDES permit application; or
- (4) The level established by the Agency in this permit.
- (b) That they have begun or expect to begin to use or manufacture as an intermediate or final product or byproduct any toxic pollutant which was not reported in the NPDES permit application.
- (15) **All Publicly Owned Treatment Works (POTWs) must provide adequate notice to the Agency of the following:**
- (a) Any new introduction of pollutants into that POTW from an indirect discharger which would be subject to Sections 301 or 306 of the Clean Water Act if it were directly discharging those pollutants; and
- (b) Any substantial change in the volume or character of pollutants being introduced into that POTW by a source introducing pollutants into the POTW at the time of issuance of the permit.
- (c) For purposes of this paragraph, adequate notice shall include information on (i) the quality and quantity of effluent introduced into the POTW, and (ii) any anticipated impact of the change on the quantity or quality of effluent to be discharged from the POTW.
- (16) **If the permit is issued to a publicly owned or publicly regulated treatment works, the permittee shall require any industrial user of such treatment works to comply with federal requirements concerning:**
- (1) User charges pursuant to Section 204(b) of the Clean Water Act, and applicable regulations appearing in 40 CFR 35;
- (2) Toxic pollutant effluent standards and pretreatment standards pursuant to Section 307 of the Clean Water Act; and
- (3) Inspection, monitoring and entry pursuant to Section 308 of the Clean Water Act.
- (17) **If an applicable standard or limitation is promulgated under Section 301(b)(2)(C) and (D), 304(b)(2), or 307(a)(2) and that effluent standard or limitation is more stringent than any effluent limitation in the permit, or controls a pollutant not limited in the permit, the permit shall be promptly modified or revoked, and reissued to conform to that effluent standard or limitation.**
- (18) **Any authorization to construct issued to the permittee pursuant to 35 Ill. Adm. Code 309.154 is hereby incorporated by reference as a condition of this permit.**
- (19) **The permittee shall not make any false statement, representation or certification in any application, record, report, plan or other document submitted to the Agency or the USEPA, or required to be maintained under this permit.**
- (20) **The Clean Water Act provides that any person who violates a permit condition implementing Sections 301, 302, 306, 307, 308, 318, or 405 of the Clean Water Act is subject to a civil penalty not to exceed \$10,000 per day of such violation. Any person who willfully or negligently violates permit conditions implementing Sections 301, 302, 306, 307, or 308 of the Clean Water Act is subject to a fine of not less than \$2,500, nor more than \$25,000 per day of violation, or by imprisonment for not more than one year, or both.**
- (21) **The Clean Water Act provides that any person who falsifies, tampers with, or knowingly renders inaccurate any monitoring device or method required to be maintained under permit shall, upon conviction, be punished by a fine of not more than \$10,000 per violation, or by imprisonment for not more than 6 months per violation, or by both.**
- (22) **The Clean Water Act provides that any person who knowingly makes any false statement, representation, or certification in any record or other document submitted or required to be maintained under this permit shall, including monitoring reports or reports of compliance or non-compliance shall, upon conviction, be punished by a fine of not more than \$10,000 per violation, or by imprisonment for not more than 6 months per violation, or by both.**
- (23) **Collected screenings, slurries, sludges, and other solids shall be disposed of in such a manner as to prevent entry of those wastes (or runoff from the wastes) into waters of the State. The proper authorization for such disposal shall be obtained from the Agency and is incorporated as part hereof by reference.**
- (24) **In case of conflict between these standard conditions and any other condition(s) included in this permit, the other condition(s) shall govern.**
- (25) **The permittee shall comply with, in addition to the requirements of the permit, all applicable provisions of 35 Ill. Adm. Code, Subtitle C, Subtitle D, Subtitle E, and all applicable orders of the Board.**
- (26) **The provisions of this permit are severable, and if any provision of this permit, or the application of any provision of this permit is held invalid, the remaining provisions of this permit shall continue in full force and effect.**



217/705-0748

Consolidation Coal Company, Durning Star 4-1,  
Perry County, IL0026492, IEPA Log 69096-09

July 26, 1989

Consolidation Coal Company  
Attn: Dick Denning  
12755 Olive Boulevard  
St. Louis, Missouri 63141

4096-89  
South  
Field

Dear Mr. Denning:

We received your application to terminate water quality monitoring requirements at the above subject mine. This application has been reviewed by the Permit Section Staff, and based upon that review the following items are offered for your consideration and appropriate action:

1. An application to this Agency must contain an engineer's certification to comply with 35 Ill. Adm. Code 405.104(a) and be signed by a principal executive officer of at least the level of vice president to comply with 35 Ill. Adm. Code 404.105.
2. You should delineate the pond's watershed on the map and show the permit boundary.
3. You should delineate the areas which have received or are eligible for bond release, on the map.
4. For temporary impoundments, you should also discuss the timing and removal of temporary perimeter diversions.
5. What is the acreage of the pond's tributary area within the permit? You should include the pond area in this number.
6. Was there any refuse disposal within this watershed?

The Agency will be pleased to re-evaluate your permit application on receipt of your written request and the necessary information and documentation to correct or clarify the deficiencies noted above. When you submit the information directly to the Agency, please submit two (2) copies of the response and refer to the log numbers noted in the above subject heading.

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY  
RELEASE

NOV 12 2015

REVIEWER: JKS

RECEIVED

JUL 28 1989

6 LM  
WGR


ILLINOIS ENVIRONMENTAL PROTECTION AGENCY  
SPRINGFIELD REGIONAL OFFICE



Page 2

Should you have any questions or comments regarding the above, or need any additional information concerning Agency requirements, please contact Environmental Protection Engineer Joyce Dunie at the above telephone number and address.

Sincerely,

  
Ronald D. Barganz, P.E.  
Manager  
Mine Pollution Control Program

RTB:JH:rlc/2429k, 59-60

cc: Regional Office  
Department of Mines and Minerals

909689



Consolidation Coal Company  
Mid-Continent Region  
12755 Olive Boulevard  
St. Louis, Missouri 63141  
(314) 275-2300

July 11, 1989

RECEIVED

JUL 13 1989

MINE POLLUTION  
CONTROL PROGRAM

Mr. Ronald Barganz, P.E.  
Manager, Mine Pollution Control Program  
Illinois Environmental Protection Agency  
2200 Churchill Road  
Springfield, IL 62706

Mr. Paul Ehret  
Supervisor, Land Reclamation Division  
Illinois Department of Mines and Minerals  
P. O. Box 10197  
Springfield, IL 62791-0197

RECEIVED

JUL 18 1989

Re: Burning Star #4 Mine  
IEPA NPDES Permit IL0026492(BS4-1)  
IDMM Permit 73

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY  
SPRINGFIELD REGIONAL OFFICE

Gentlemen:

Consolidation Coal Company requests that the water monitoring requirements of the Illinois Department of Mines and Minerals found in Section 1816.41(e) and those of the Illinois Environmental Protection Agency's Mine Related Water Pollution program be terminated for IEPA Permit #IL0026492(BS4-1) at ponds 006 and 007.

The drainage areas for these ponds have been graded and stabilized, and vegetative cover has been established. The attached table summarizes the monitoring data for outfall 006 from 4/87 through 4/89. Pond 007 has not discharged during this time period; however, a sample was collected from the standing pond water on 6/1/89 and the results are displayed below. The water data for these ponds demonstrate that no adverse impacts have occurred to the affected surface waters. Consol feels that continued monitoring to detect such impacts is no longer necessary, consequently we wish to proceed with final abandonment plans. These plans show that pond 006 is to be reclaimed to forest and pasture and pond 007 to forest. An aerial photo locating both ponds is enclosed.

EPA DIVISION OF RECORDS MANAGEMENT  
RELEASEABLE

NOV 12 2015

REVIEWER: JKS



Ron Barganz/Paul Ehret  
July 11, 1989  
Page 2

Pond 007 standing pond water sample - 6/1/89

pH	-	8.1
T. Suspended Solids	-	14 mg/l
T. Iron	-	0.11 mg/l
T. Manganese	-	1.17 mg/l
Sulfates	-	300 mg/l
Chlorides	-	18 mg/l
T. Alkalinity	-	174 mg/l
T. Acidity	-	0 mg/l
T. Dissolved Solids	-	637 mg/l

Thank you for your assistance in this matter. Please call me if you have any questions.

Sincerely,



Richard J. Denning  
Permit Coordinator

/vms

Attachment

CONSOLIDATION COAL COMPANY  
BURNING STAR #4 MINE  
SOUTH FIELD (BS4-1)  
PERMIT IL0026492 POND 006

Apr. 1987 - Apr. 1989 Sample Results

Date	Flow (gpm)	pH (units)	TSS	TDS	Alk	Acid	Fe	Mn	SO <sub>4</sub>	Cl
4/6/87	1	8.8	27	277	90	0	0.95	0.01	80	10
1/4/88	3	7.9	31	157	54	0	1.93	0.12	55	5
1/5/88	3		31	116			2.72	0.16		
1/6/88	2		29	148			1.85	0.02		
4/7/88	1	7.9	59	434	78	0	2.92	0.33	95	12
4/11/88	1		72	292			2.85	0.28		
4/12/88	1		42	278			3.28	0.21		
12/5/88	2	8.2	12	177	66	0	0.85	0.20	80	6
12/6/88	1		34	146			0.76	0.01		
12/7/88	1		22	134			0.52	0.07		
1/9/89	15	9.0	17	235	212	0	3.15	0.08	20	41
1/10/89	2		9	348			1.08	0.07		
1/16/89	2		18	297			2.01	0.01		
2/8/89	7	7.6	31	219	84	0	1.62	0.11	20	6
2/16/89	15		33	234			1.35	0.15		
2/22/89	1		28	233			2.59	0.11		

Note: All units are given in mg/l except where shown.

9096B-89

EMERGENCY OF RECORDS MANAGEMENT  
RELEASABLEENGINEERING CERTIFICATION

NOV 12 2015

REVIEWER: JKS

I hereby certify the engineering design used in preparation of this application, attachments, and supplements was done by me or under by direct supervision.

I further certify to the best of my knowledge all such design is in accordance with all applicable local, state and federal laws, rules and regulations.

Whereas the Reclamation Plan calls for an alternative land use, I also certify the plans conform to applicable accepted standards for adequate land stability, drainage, vegetative cover, and aesthetic design appropriate for the post-mining use of the site.

Whereas the operation proposes disposal of spoil or waste materials in areas other than mine workings or excavations, I also certify such fills are designed in accordance with recognized professional standards and all applicable laws.

✓ Certification for Illinois Environmental Protection Agency - 35 Ill Admin. Code 405.104(a) Permit. In my professional judgement, the plans, and specifications submitted as part of this application describe an operation which will meet all applicable effluent and water quality standards. I certify that I am familiar with all of the plans, specifications, reports, and maps submitted as part of this application and that said plans, etc., are accurate insofar as they represent existing conditions.

RECEIVED

NOV 14 1989

Kevin L. Cheeks

Name

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY 062-038097

MARION REGIONAL OFFICE Illinois Registration Number (Seal)

Consolidation Coal Company

Firm

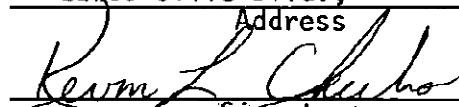
314-275-2415

Phone Number

12755 Olive Blvd.,

Address

St. Louis, Missouri 63141



Signature

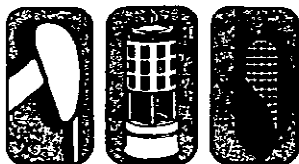
11-07-89

Date

ILLINOIS DEPARTMENT OF MINES AND MINERALS

Richard R. Shockley  
Director

*Marion  
File*



*Log # 9096-89*

LAND RECLAMATION DIVISION  
300 WEST JEFFERSON STREET - SUITE 300  
P.O. BOX 10187  
SPRINGFIELD, ILLINOIS 62761-0187  
TELEPHONE: (217) 782-4970

MEMORANDUM

TO: Steve Chard, Department of Agriculture  
Patrick Malone, Department of Conservation  
Ron Barganz, Environmental Protection Agency  
Ron Barganz, Environmental Protection Agency  
David Boyce, Department of Transportation  
Thomas E. Emerson, Ill. Historic Preservation Agency

RECEIVED

OCT 03 1989

MINE POLLUTION  
CONTROL PROGRAM

FROM: Ernest Ashby, Permit Coordinator  
Land Reclamation Division

RECEIVED

DEPARTMENT OF RECORDS MANAGEMENT  
RELEASE

DATE: September 29, 1989

OCT 23 1989

NOV 12 2015

RE: Surface Mining Interagency Committee

ENVIRONMENTAL PROTECTION AGENCY  
REGIONAL OFFICE

REVIEWER: JKS

Enclosed please find information regarding an operations plan change approved by the Department for Consolidation Coal Company, Burning Star #4 Mine, Permit #73. This revision grants approval to cease water monitoring at Ponds 006 and 007.

Insignificant operations revisions are approved pursuant to 62 Ill. Adm. Code 1774.13(b)(2). Insignificant reclamation revisions are approved pursuant to 62 Ill. Adm. Code 1774.13(b)(2). Incidental boundary revisions are approved pursuant to 62 Ill. Adm. Code 1774.13(d). Exemptions from the use of a sediment pond are approved pursuant to 62 Ill. Adm. Code 1816.41(d)(1)/1817.41(d)(1).

Enclosure

cc: OSM  
T. Johnson-ENR  
D. Livesay  
W. Runnels - SCS

*NEEDS MORE INFO ON TRAIL AREAS  
AND WQ ANALYSES FOR PAST YEAR*

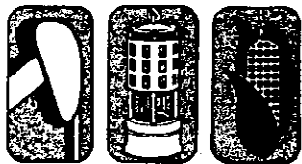
*GLM  
10/23/89*

file

---

# ILLINOIS DEPARTMENT OF MINES AND MINERALS

Richard R. Shockley  
Director



**LAND RECLAMATION DIVISION**  
300 WEST JEFFERSON STREET - SUITE 300  
P.O. BOX 10197  
SPRINGFIELD, ILLINOIS 62791-0197  
TELEPHONE: (217) 782-4970

---

September 13, 1989

Mr. Richard Denning  
Permit Coordinator  
Consolidation Coal Company  
12755 Olive Boulevard  
St. Louis, Missouri 63141

DISPOSITION OF RECORDS MANAGEMENT  
RELEASABLE

NOV 12 2015

Dear Mr. Denning:

REVIEWER: JKS

RE: Insignificant Revision #8  
Permit #73

The appropriate Department technical staff have reviewed the proposed mining operations plan change dated July 11, 1989, submitted by Consolidation Coal Company for Burning Star #4 Mine. Consolidation Coal Company has requested approval to cease water monitoring at Ponds 006 and 007. Since this operation is not currently approved, it will constitute a mining operations change. Such insignificant revisions are allowed by 62 Ill. Adm. Code 1774.13(b)(2)(D) if the proposed changes:

1. are described in writing.
2. will not have a significant potential adverse impact on the achievement of final reclamation plans or upon the surrounding area.

The Department has determined the proposed change is in compliance with 62 Ill. Adm. Code 1700-1850, is insignificant and will not change the final reclamation plan for this permit and hereby exempts Consolidation Coal Company from submitting a permit revision application in accordance with 62 Ill. Adm. Code 1774.13(b)(2)(D). The Department grants permission to cease water monitoring at Ponds 006 and 007. Please submit ten (10) additional copies of your request letter(s) and maps to this office.

Xc: IAC ✓  
Co.

All conditions and provisions contained in the original permit approval also apply to this revision. Approval from this agency does not relieve Consolidation Coal Company from obtaining approval from other agencies requiring such. Monitoring for NPDES shall continue until approval to cease discharge monitoring is obtained from IEPA. Should you have any questions, please contact Mr. M. Dean Livesay at our Southern District Office.

Sincerely,

  
Paul J. Ehret, Supervisor  
Land Reclamation Division

PJE:MDL:mc

cc: J. Fulton

M.D. Livesay

K. Cheeks



Consolidation Coal Company  
Mid-Continent Region  
12755 Olive Boulevard  
St. Louis, Missouri 63141  
(314) 275-2300

July 11, 1989

Mr. Ronald Barganz, P.E.  
Manager, Mine Pollution Control Program  
Illinois Environmental Protection Agency  
2200 Churchill Road  
Springfield, IL 62706

Mr. Paul Ehret  
Supervisor, Land Reclamation Division  
Illinois Department of Mines and Minerals  
P. O. Box 10197  
Springfield, IL 62791-0197

ILLINOIS DEPARTMENT OF RECORDS MANAGEMENT  
RELEASEABLE

NOV 12 2015

Re: Burning Star #4 Mine  
IEPA NPDES Permit IL0026492(BS4-1)  
IDMM Permit 73

REVIEWER: JKS

Gentlemen:

Consolidation Coal Company requests that the water monitoring requirements of the Illinois Department of Mines and Minerals found in Section 1816.41(e) and those of the Illinois Environmental Protection Agency's Mine Related Water Pollution program be terminated for IEPA Permit #IL0026492(BS4-1) at ponds 006 and 007.

The drainage areas for these ponds have been graded and stabilized, and vegetative cover has been established. The attached table summarizes the monitoring data for outfall 006 from 4/87 through 4/89. Pond 007 has not discharged during this time period; however, a sample was collected from the standing pond water on 6/1/89 and the results are displayed below. The water data for these ponds demonstrate that no adverse impacts have occurred to the affected surface waters. Consol feels that continued monitoring to detect such impacts is no longer necessary, consequently we wish to proceed with final abandonment plans. These plans show that pond 006 is to be reclaimed to forest and pasture and pond 007 to forest. An aerial photo locating both ponds is enclosed.

Ron Barganz/Paul Ehret  
July 11, 1989  
Page 2

Pond 007 standing pond water sample - 6/1/89

pH	-	8.1
T. Suspended Solids	-	14 mg/l
T. Iron	-	0.11 mg/l
T. Manganese	-	1.17 mg/l
Sulfates	-	300 mg/l
Chlorides	-	18 mg/l
T. Alkalinity	-	174 mg/l
T. Acidity	-	0 mg/l
T. Dissolved Solids	-	637 mg/l

Thank you for your assistance in this matter. Please call me if you have any questions.

Sincerely,



Richard J. Denning  
Permit Coordinator

/vms

Attachment



CONSOLIDATION COAL COMPANY  
BURNING STAR #4 MINE  
SOUTH FIELD (BS4-1)  
PERMIT IL0026492 POND 006

Apr. 1987 - Apr. 1989 Sample Results

Date	Flow (gpm)	pH (units)	TSS	TDS	Alk	Acid	Fe	Mn	SO <sub>4</sub>	Cl
4/6/87	1	8.8	27	277	90	0	0.95	0.01	80	10
1/4/88	3	7.9	31	157	54	0	1.93	0.12	55	5
1/5/88	3		31	116			2.72	0.16		
1/6/88	2		29	148			1.85	0.02		
4/7/88	1	7.9	59	434	78	0	2.92	0.33	95	12
4/11/88	1		72	292			2.85	0.28		
4/12/88	1		42	278			3.28	0.21		
12/5/88	2	8.2	12	177	66	0	0.85	0.20	80	6
12/6/88	1		34	146			0.76	0.01		
12/7/88	1		22	134			0.52	0.07		
1/9/89	15	9.0	17	235	212	0	3.15	0.08	20	41
1/10/89	2		9	348			1.08	0.07		
1/16/89	2		18	297			2.01	0.01		
2/8/89	7	7.6	31	219	84	0	1.62	0.11	20	6
2/16/89	15		33	234			1.35	0.15		
2/22/89	1		28	233			2.59	0.11		

Note: All units are given in mg/l except where shown.

9096--59

**Consolidation Coal Company**  
Mid-Continent Region  
12755 Olive Boulevard  
St. Louis, Missouri 63141  
(314) 276-2300

October 9, 1989

Mr. Ronald Barganz, P.E.  
Manager, Mine Pollution Control Program  
Illinois Environmental Protection Agency  
2200 Churchill Road  
Springfield, IL 62706

Re: Burning Star #4 Mine - South Field  
NPDES Permit #IL0026492 (BS4-1)  
IEPA Log #9096-89  
Additional Information

RECEIVED  
OCT 17 1989  
MINE POLLUTION  
CONTROL PROGRAM

Dear Mr. Barganz:

In response to your letter dated July 26, 1989, Consolidation Coal Company submits the attached additional information in support of our request to terminate sampling at Ponds 006 and 007.

The enclosed map delineates pond locations, watershed boundaries, permit boundaries and bond release areas. Acreage values for the pond sizes and watershed areas are given below.

<u>Pond I.D.</u>	<u>Pond (Acres)</u>	<u>Watershed Acres</u>
BS4-1(006)	4.4	91.0
BS4-1(007)	0.3	13.7

Areas affected within these watersheds have been graded and stabilized and are eligible for bond release. The watersheds are located entirely within permit boundaries. Monitoring requirements for these ponds have been dropped by the Illinois Department of Mines and Minerals with their approval of Insignificant Revision #8 to Permit #73 dated September 13, 1989. No temporary perimeter diversions are present nor was refuse disposed within the watershed boundaries.

IEPA DIVISION OF RECORDS MANAGEMENT  
RELEASABLE

NOV 12 2015

REVIEWER: JKS

RECEIVED

OCT 23 1989

ENVIRONMENTAL PROTECTION AGENCY  
MADISON REGIONAL OFFICE

Mr. Ronald Barganz  
October 9, 1989  
Page 2

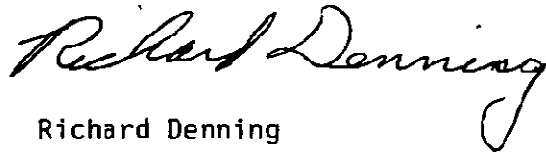
Further, Consol asks that Outfall No. 007 be maintained in the permit as a future outfall in the event that the mine would affect an approved texture borrow site in Permit #73 that is located in the watershed of Pond 007. A request to reactivate Pond 007 would be made at that time.

The following enclosures are attached:

- 1) Watershed and Permit Boundary Map
- 2) Principal Executive Officer Authorization
- 3) Engineer's Certification.

Please contact me if you have any questions.

Sincerely,

A handwritten signature in cursive script that reads "Richard Denning". The signature is written in dark ink and is positioned above the printed name.

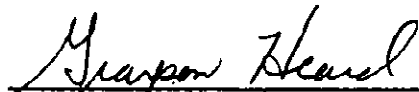
Richard Denning

/vls

Enclosures

# NPDES CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in the attached document; and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.



Grayson B. Heard  
Senior Vice President  
Mid-Continent Region

10/13/89

Date

ENGINEERING CERTIFICATION

I hereby certify the engineering design used in preparation of this application, attachments, and supplements was done by me or under by direct supervision.

I further certify to the best of my knowledge all such design is in accordance with all applicable local, state and federal laws, rules and regulations.

\_\_\_ Whereas the Reclamation Plan calls for an alternative land use, I also certify the plans conform to applicable accepted standards for adequate land stability, drainage, vegetative cover, and aesthetic design appropriate for the post-mining use of the site.

\_\_\_ Whereas the operation proposes disposal of spoil or waste materials in areas other than mine workings or excavations, I also certify such fills are designed in accordance with recognized professional standards and all applicable laws.

\_\_\_ Certification for Illinois Environmental Protection Agency - 35 Ill Admin. Code 405.104(a) Permit. In my professional judgement, the plans, and specifications submitted as part of this application describe an operation which will meet all applicable effluent and water quality standards. I certify that I am familiar with all of the plans, specifications, reports, and maps submitted as part of this application and that said plans, etc., are accurate insofar as they represent existing conditions.

Kevin L. Cheeks

Name

062-038097

Illinois Registration Number (Seal)

Consolidation Coal Company

Firm

314-275-2415

Phone Number

12755 Olive Blvd.,

Address

St. Louis, Missouri 63141



Signature

10-10-89

Date



Illinois Environmental Protection Agency • P. O. Box 19276, Springfield, IL 62794-9276

217/785-0748

Consolidation Coal Company, Burning Star 4-1, Southfield, Perry County, IEPA  
Log #90968-89, IL0026492, Discharge 006

December 14, 1989

Consolidation Coal Company  
12755 Olive Boulevard  
St. Louis, Missouri 63141

Gentlemen:

We received your application for Permit and supporting information concerning the above referenced project on September 17, 1989. This application has been reviewed by the Permit Section Staff, and based upon that review, the following items are offered for your consideration and appropriate action:

Discharge 006 cannot be classified as a future outfall but will remain in your permit as a reclamation area outfall. You cannot abandon this outfall until such time that you plan to remove the sediment pond.

Should you have any questions or comments regarding the above, or need any additional information concerning Agency requirements, please contact Environmental Protection Engineer Joyce Munie at the above telephone number and address.

Sincerely,

Ronald M. Barganz, P.E.  
Manager  
Mine Pollution Control Program

RMB:JM:kja:4210k/43

cc: Marion Regional Office  
Department of Mines and Minerals

DEPARTMENT OF RECORDS MANAGEMENT  
RELEASEABLE

NOV 12 2015

REVIEWER: JKS

RECEIVED

DEC 14 1989

DEPARTMENT OF MINES AND MINERALS  
MARION REGIONAL OFFICE

GLM *[initials]*  
WR

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY  
DIVISION OF WATER POLLUTION CONTROL  
1340 N. 9TH STREET  
P.O. BOX 19276  
SPRINGFIELD, IL 62794-9276

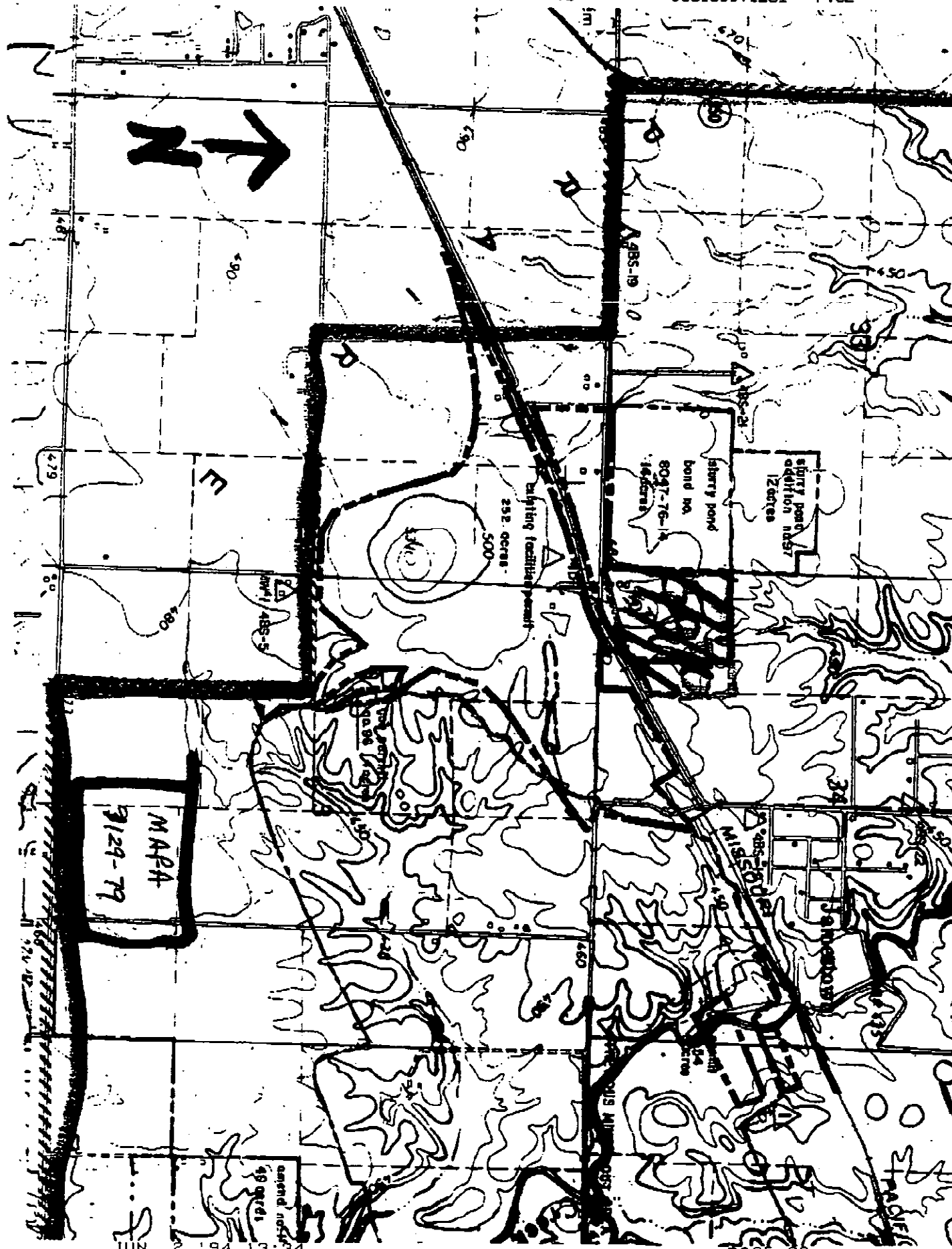
TELECOPY NO. 217/524-4710

MESSAGE TO: Larry D. Crislip  
COMPANY/AGENCY: IEPA - Marion  
CITY & STATE: IL  
TELECOPY NO.: 618-997-1281  
MESSAGE FROM: Bob Kern  
SECTION: MLCP  
NUMBER OF PAGES: 2 Including cover sheet

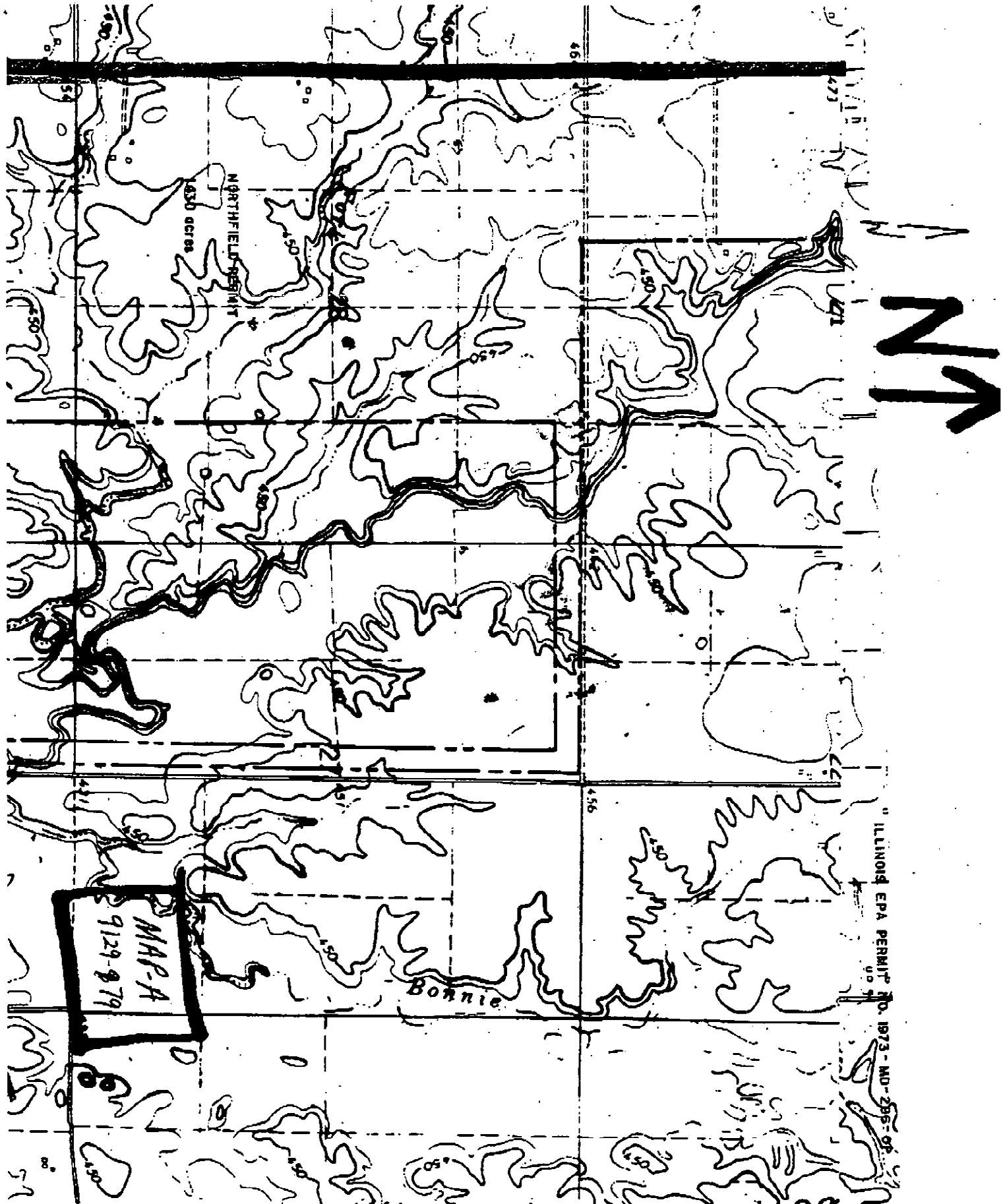
IEPA-DIVISION OF RECORDS MANAGEMENT  
RELEASABLE

NOV 12 2015

REVIEWER: JKS







"ILLINOIS EPA PERMIT" NO. 1873-MD-295-00

MAP-A  
9129-879



Illinois Environmental Protection Agency • P. O. Box 19276, Springfield, IL 62794-9276

217/785-0740

Consolidation Coal Company, Burning Star 4-1, Perry County, IL0020492

December 22, 1989

3023-85-2

Consolidation Coal Company  
12755 Olive Blvd.  
St. Louis, MO 63141

Gentlemen:

Enclosed please find a copy of the proposed construction authorization which has been drafted for inclusion in your NPDES Permit for the subject facilities. As this proposed construction authorization will be contained in the proposed NPDES Permit, it will be distributed for comment according to the NPDES Public Notice procedures. Any questions or comments regarding the contents and/or conditions of this proposed construction authorization should be made during the comment period allowed under the NPDES Public Notice procedures.

Sincerely,

*Ronald M. Borganz*  
Ronald M. Borganz, P.E.  
Manager  
Mine Pollution Control Program

RMB:JH:ct/4303K,17

Enclosure

cc: Marion Regional Office  
Department of Mines and Minerals

EXPANSION OF RECORDS MANAGEMENT  
RELEASEABLE

NOV 12 2015

REVIEWER: JKS

EX-101-110

JAN 02 1990

See [illegible]

GLM / W8

AUTH. NO.: 3023-85-2

NPDES NO.: IL0026492

APPL. NO.: 9096-89

NPDES ISSUED: 4/23/87

C.A. DATE: 12/22/89

NPDES EXPIRES: 12/1/91

SUBJECT: Consolidation Coal Company, Burning Star 4-1

ENGINEER: Kevin Cheers, P.E., Consolidation Coal Company

AUTHORIZATION TO CONSTRUCT TO:

Consolidation Coal Company  
12755 Olive Blvd.  
St. Louis, MO 63141

Supplemental Authorization is hereby granted to the above designee to construct mine and mine refuse area, which were previously approved under Authorization No. 2092-86 dated November 7, 1986. These facilities have been revised as follows:

Discharge 007 and the associated watershed has been reclaimed as approved in application log #7082-81 and 8121-80. This authorization drops discharge 007 and 13.7 acres located in Section 35 of T.5S., R.4W. of Perry County as shown in application log #9096-89. Discharge 006 is classified reclamation area discharge.

All Conditions in the original Authorization to Construct are incorporated in this Supplemental Authorization unless specifically deleted or revised herein.

JM:ct/4363k,18

RECEIVED  
JAN 02 1990  
U.S. ENVIRONMENTAL PROTECTION AGENCY  
ST. LOUIS, MO 63141



Illinois Environmental Protection Agency · 2200 Churchill Road, Springfield, IL 62706

217/785-0748

Consolidation Coal Company  
Burning Star 4-1 Southfield  
NPDES Permit No. IL0026492  
Final Permit

April 23, 1987

Consolidation Coal Company  
12755 Olive Boulevard  
St. Louis, Missouri 63141

Gentlemen:

Attached is the final NPDES Permit for your discharge. The Permit as issued covers discharge limitations, monitoring, and reporting requirements. The failure of you to meet any portion of the Permit could result in civil and/or criminal penalties. The Illinois Environmental Protection Agency is ready and willing to assist you in interpreting any of the conditions of the Permit as they relate specifically to your discharge.

The Permit as issued is effective as of the date indicated on the first page of the Permit. You have the right to appeal any condition of the Permit to the Illinois Pollution Control Board prior to the effective date.

Should you have questions concerning the Permit, please contact Joy Purdy at the telephone number indicated above.

Very truly yours,

Thomas G. McSwiggin, P.E.  
Manager, Permit Section  
Division of Water Pollution Control

RECEIVED

APR 27 1987

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY  
MARION REGIONAL OFFICE

TGM:TRK:JOP/mls/0980g/51

Enclosure: Final Permit

cc: USEPA/With Enclosure  
Permit Section  
Records Unit  
Department of Transportation/Division of Water Resources  
Department of Mines and Minerals/Land Reclamation  
Mine Pollution Control Program  
Marion Region/Mine Pollution Control Program ✓  
CAS  
GERPDC

USEPA DIVISION OF RECORDS MANAGEMENT  
RELEASABLE

NOV 12 2015

REVIEWER: JKS

62M

3023-85 (6123-82, 2082-81, 8121-80)  
2092-86  
5037-83 upon 8001 to and what about 3104-85 1985-02-3104

NPDES Permit No. IL0026492

Illinois Environmental Protection Agency

Division of Water Pollution Control

2200 Churchill Road

Springfield, Illinois 62706

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM

Reissued (NPDES) Permit

Expiration Date: December 1, 1991

Issue Date: April 23, 1987  
Effective Date: May 23, 1987

Name and Address of Permittee:

Consolidation Coal Company  
12755 Olive Boulevard  
St. Louis, Missouri 63141

Facility Name and Address:

Consolidation Coal Company  
Burning Star 4-1 Southfield  
Rural Route 1  
Cutlar, Illinois  
Perry County

Discharge Number and Name:

006, 007 Surface Runoff

Receiving Waters

Gallum Creek

In compliance with the provisions of the Illinois Environmental Protection Act, Subtitle C and/or Subtitle D Rules and Regulations of the Illinois Pollution Control Board, and the Clean Water Act, the above-named permittee is hereby authorized to discharge at the above location to the above-named receiving stream in accordance with the standard conditions and attachments herein.

Permittee is not authorized to discharge after the above expiration date. In order to receive authorization to discharge beyond the expiration date, the permittee shall submit the proper application as required by the Illinois Environmental Protection Agency (IEPA) not later than 180 days prior to the expiration date.



Thomas G. McSwiggin, P.E.  
Manager, Permit Section  
Division of Water Pollution Control

TGM:JP/mls/sp0998g/3

NPDES Permit No. IL0026492

## Effluent Limitations and Monitoring

PARAMETER	LOAD LIMITS lbs/day		CONCENTRATION LIMITS mg/l		SAMPLE FREQUENCY	SAMPLE TYPE
	30 DAY AVG.	DAILY MAX.	30 DAY AVG.	DAILY MAX.		
Flow (MGD)					Measure When Monitoring	
Total Suspended Solids			35.0	70.0	**3/Month	Grab
Iron (Total)			3.5	7.0	**3/Month	Grab
pH	The pH shall not be less than 6.0 nor greater than 9.0.				1/Month	Grab
Alkalinity/ Acidity	Total acidity shall not exceed total alkalinity.				1/Month	Grab
Sulfates				3500	*	Grab
Chlorides				1000	*	Grab

Sample frequency shall be once a month until twelve samples have been collected; after which, sample frequency shall be once a quarter.

\*A minimum of three samples must be collected during the calendar month when the pond is discharging. A "no flow" situation is not considered to be a sample of the discharge.

NPDES Permit No. IL0026492

Construction Authorization  
Log No. 3023-85 (6123-82, 7082-81, 8121-80)

Authorization is hereby granted to the above designee to construct the mine and mine refuse area described as follows:

A slurry disposal area and reclamation activities located in Sections 1, 2, 3 and 4 of T.6S., R.4W. and Sections 21, 22, 23, 26, 27, 34, 35 and 36 of T.5S., R.4W. in Perry County as shown by the existing permit boundaries on Map A in IEPA Log #9129-79 (IDMM #881) with the exception of those areas contained in NPDES permit IL0052795, IEPA Log #6123B-82 and 5070-83.

The surface drainage is controlled by two (2) sedimentation ponds with discharges BS4-1 (006 and 007). These ponds do not qualify for the rainfall exemption of 35 Ill. Adm. Code 406.106(b)(3). Proposed discharges BS4-1 (008, 009 and 010) were never constructed and are hereby dropped from this permit. Discharge BS4-1 (001) remains in this authorization but is the responsibility of Arch of Illinois, Inc. Captain Mine. Under IL0033723 Pond 001 receives drainage as described in IEPA Log #6092-82 and 7082-81. Pursuant to 35 Ill. Adm. Code 406.203 the water quality standards of 35 Ill. Adm. Code 406.202 as they apply to sulfates, chlorides, total dissolved solids, iron and manganese shall not apply to discharges 006 and 007 subject to Special Condition 1.

Abandonment plans as shown in application IEPA 10G #6123-82 shall be executed and completed in accordance with 35 Ill. Adm. Code 405.109. All impoundments remaining upon abandonment must meet the requirements of 35 Ill. Adm. Code 406.202 and 406.106.

This Authorization is issued subject to the following Condition(s). If such Condition(s) require(s) additional or revised facilities, satisfactory engineering plan documents must be submitted to this Agency for review and approval to secure issuance of a Supplemental Authorization to Construct.

1. Any of the following shall be a violation of the provisions required under 35 Ill. Adm. Code 406.203(c):
  - A. It is demonstrated that an adverse effect on the environment in and around the receiving stream has occurred or is likely to occur.
  - B. It is demonstrated that the discharge has adversely affected or is likely to adversely effect any public water supply.
  - C. The Agency determines the permittee is not utilizing good mining practices which are applicable in order to minimize the discharge of total dissolved solids, chloride, sulfate, iron and

NPDES Permit No. IL0026492

Construction Authorization  
Log No. 3023-85 (6123-82, 7082-81, 8121-80)

manganese. The following concentrations are presumed achievable according to information in the application, and demonstrate the utilization of good mining practices. The Agency may require additional information to determine compliance with 35 Ill. Adm. Code 406.204 when they are exceeded.

<u>Outfall</u>	<u>Chloride in mg/l</u>	<u>Sulfate in mg/l</u>	<u>Other</u>
006, 007	500	800	

2. If any statement or representation is found to be incorrect, this permit may be revoked and the permittee thereupon waives all rights thereunder.
3. The issuance of this permit (a) shall not be considered as in any manner affecting the title of the premises upon which the mine or mine refuse area is to be located; (b) does not release the permittee from any liability for damage to person or property caused by or resulting from the installation, maintenance or operation of the proposed facilities; (c) does not take into consideration the structural stability of any units or parts of the project; and (d) does not release the permittee from compliance with other applicable statutes of the State of Illinois, or with applicable local laws, regulations or ordinances.
4. Final plans, specifications, application and supporting documents as submitted by the person indicated on Page 1 as approved shall constitute part of this permit and are identified by Log #6123-82, 7082-81, 8121-80 in the records of the Illinois Environmental Protection Agency.
5. This permit may not be assigned or transferred. Any subsequent operator shall obtain a new permit from the Illinois Environmental Protection Agency.
6. There shall be no deviations from the approved plans and specifications unless revised plans, specifications and application shall first have been submitted to the Illinois Environmental Protection Agency and a supplemental permit issued.
7. The permit holder shall notify the Illinois Environmental Protection Agency (217/782-3637) immediately of an emergency at the mine or mine refuse area which causes or threatens to cause a sudden discharge of contaminants into the waters of Illinois and shall immediately undertake necessary corrective measures as required by Rule 405.111. (217/782-3637 for calls between the hours of 5:00 p.m. to 8:30 a.m. and on weekends.)



NPDES Permit No. IL0026492

Construction Authorization

Log No. 3023-85 (6123-82, 7082-81, 8121-80)

8. No effluent from any mine or mine refuse area under this permit shall, alone or in combination with other sources, cause a violation of any applicable water quality standard as set out in Title 35. Environmental Protection, Subtitle C: Water Pollution, Chapter I: Pollution Control Board.
9. The termination of an NPDES discharge monitoring point or cessation of monitoring of an NPDES discharge is not authorized by this Agency until the permittee submits adequate justification to show what alternate treatment is provided or that untreated drainage will meet applicable effluent and water quality standards.

Supplemental Construction Authorization

Log No. 2092-86

Supplemental Authorization is hereby granted to the above designee to construct mine and mine refuse area, which were previously approved under Authorization No. 3023-86 dated April 24, 1986. These facilities have been revised as follows:

The addition of 6.1 acres for a 60 foot wide corridor in the area designated on the mining operation map with application log #2092-86. The acreage will be used for a new slurry line and a dual pipe freshwater line.

This operation will not affect the approved drainage control nor refuse disposal plan.

The abandonment of this area shall be executed and completed in accordance with 35 Ill. Adm. Code 405.109.

NPDES Permit No. ILIL0026492

Special Conditions

1. Samples taken in compliance with the effluent monitoring requirements shall be taken at a point representative of the discharge, but prior to entry into the receiving stream.
2. No effluent from any mine related facility area under this permit shall, alone or in combination with other sources, cause a violation of any applicable water quality standard as set out in the Illinois Pollution Control Board Rules and Regulations, Chapter 1, Subtitle C: Water Pollution, unless specifically exempted under Rule 406.203 of Chapter 1, Subtitle D, Mine Related Water Pollution.
3. The permittee shall record monitoring results on Discharge Monitoring Report Forms using one such form for each discharge each month.

Discharge Monitoring Reports shall be mailed to the IEPA at the following address:

Illinois Environmental Protection Agency  
Division of Water Pollution Control  
2200 Churchill Road  
P.O. Box 19276  
Springfield, Illinois 62794-9276

Attention: Mine Pollution Control Program

4. The completed Discharge Monitoring Report form shall be retained by the permittee for a period of three months and shall be mailed and received by the IEPA in accordance with the following schedule, unless otherwise specified by the permitting authority.

Period	Received by IEPA
January, February, March	April 15
April, May, June,	July 15
July, August, September	October 15
October, November, December	January 15

## ATTACHMENT H

### Standard Conditions

#### Definitions

**Act** means the Illinois Environmental Protection Act, Ch. 111 1/2 Ill. Rev. Stat., Sec. 1001-1051 as Amended.

**Agency** means the Illinois Environmental Protection Agency.

**Board** means the Illinois Pollution Control Board.

**Clean Water Act** (formerly referred to as the Federal Water Pollution Control Act) means Pub. L. 92-500, as amended, 33 U.S.C. 1251 et seq.

**NPDES** (National Pollutant Discharge Elimination System) means the national program for issuing, modifying, revoking and reissuing, terminating, monitoring and enforcing permits, and imposing and enforcing pretreatment requirements, under Sections 307, 402, 318 and 405 of the Clean Water Act.

**USEPA** means the United States Environmental Protection Agency.

**Daily Discharge** means the discharge of a pollutant measured during a calendar day or any 24-hour period that reasonably represents the calendar day for purposes of sampling. For pollutants with limitations expressed in units of mass, the "daily discharge" is calculated as the total mass of the pollutant discharged over the day. For pollutants with limitations expressed in other units of measurements, the "daily discharge" is calculated as the average measurement of the pollutant over the day.

**Maximum Daily Discharge Limitation** (daily maximum) means the highest allowable daily discharge.

**Average Monthly Discharge Limitation** (30 day average) means the highest allowable average of daily discharges over a calendar month, calculated as the sum of all daily discharges measured during a calendar month divided by the number of daily discharges measured during that month.

**Average Weekly Discharge Limitation** (7 day average) means the highest allowable average of daily discharges over a calendar week, calculated as the sum of all daily discharges measured during a calendar week divided by the number of daily discharges measured during that week.

**Best Management Practices (BMPs)** means schedules of activities, prohibitions of practices, maintenance procedures, and other management practices to prevent or reduce the pollution of waters of the State. BMPs also include treatment requirements, operating procedures, and practices to control plant site runoff, spillage or leaks, sludge or waste disposal, or drainage from raw material storage.

**Aliquot** means a sample of specified volume used to make up a total composite sample.

**Grab Sample** means an individual sample of at least 100 milliliters collected at a randomly-selected time over a period not exceeding 15 minutes.

**24 Hour Composite Sample** means a combination of at least 8 sample aliquots of at least 100 milliliters, collected at periodic intervals during the operating hours of a facility over a 24-hour period.

**8 Hour Composite Sample** means a combination of at least 3 sample aliquots of at least 100 milliliters, collected at periodic intervals during the operating hours of a facility over an 8-hour period.

**Flow Proportional Composite Sample** means a combination of sample aliquots of at least 100 milliliters collected at periodic intervals such that either the time interval between each aliquot or the volume of each aliquot is proportional to either the stream flow at the time of sampling or the total stream flow since the collection of the previous aliquot.

- (1) **Duty to comply.** The permittee must comply with all conditions of this permit. Any permit noncompliance constitutes a violation of the Act and is grounds for enforcement action, permit termination, revocation and reissuance, modification, or for denial of a permit renewal application. The permittee shall comply with effluent standards or prohibitions established under Section 307(a) of the Clean Water Act for toxic pollutants within the time provided in the regulations that establish these standards or prohibitions, even if the permit has not yet been modified to incorporate the requirement.
- (2) **Duty to reapply.** If the permittee wishes to continue an activity regulated by this permit after the expiration date of this permit, the permittee must apply for and obtain a new permit. If the permittee submits a proper application as required by the Agency no later than 180 days prior to the expiration date, this permit shall continue in full force and effect until the final Agency decision on the application has been made.
- (3) **Need to halt or reduce activity not a defense.** It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity, in order to maintain compliance with the conditions of this permit.
- (4) **Duty to mitigate.** The permittee shall take all reasonable steps to minimize or prevent any discharge in violation of this permit which has a reasonable likelihood of adversely affecting human health or the environment.
- (5) **Proper operation and maintenance.** The permittee shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the permittee to achieve compliance with the conditions of this permit. Proper operation and maintenance includes effective performance, adequate funding, adequate operator staffing and training, and adequate laboratory and process controls, including appropriate quality assurance procedures. This provision requires the operation of back-up, or auxiliary facilities, or similar systems only when necessary to achieve compliance with the conditions of the permit.

(6) **Permit actions.** This permit may be modified, revoked and reissued, or terminated for cause by the Agency pursuant to 40 CFR 122.62. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance, does not stay any permit condition.

(7) **Property rights.** This permit does not convey any property rights of any sort, or any exclusive privilege.

(8) **Duty to provide information.** The permittee shall furnish to the Agency within a reasonable time, any information which the Agency may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with the permit. The permittee shall also furnish to the Agency, upon request, copies of records required to be kept by this permit.

(9) **Inspection and entry.** The permittee shall allow an authorized representative of the Agency, upon the presentation of credentials and other documents as may be required by law, to:

- (a) Enter upon the permittee's premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of this permit;
- (b) Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;
- (c) Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this permit; and
- (d) Sample or monitor at reasonable times, for the purpose of assuring permit compliance, or as otherwise authorized by the Act, any substances or parameters at any location.

#### (10) Monitoring and records

- (a) Samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity.
- (b) The permittee shall retain records of all monitoring information, including all calibration and maintenance records, and all original strip chart recordings for continuous monitoring instrumentation, copies of all reports required by this permit, and records of all data used to complete the application for this permit, for a period of at least 3 years from the date of this permit, measurement, report or application. This period may be extended by request of the Agency at any time.

(c) Records of monitoring information shall include:

- (1) The date, exact place, and time of sampling or measurements;
- (2) The individual(s) who performed the sampling or measurements;
- (3) The date(s) analyses were performed;
- (4) The individual(s) who performed the analyses;
- (5) The analytical techniques or methods used; and
- (6) The results of such analyses.

(d) Monitoring must be conducted according to test procedures approved under 40 CFR Part 136, unless other test procedures have been specified in this permit. Where no test procedure under 40 CFR Part 136 has been approved, the permittee must submit to the Agency a test method for approval. The permittee shall calibrate and perform maintenance procedures on all monitoring and analytical instrumentation at intervals to ensure accuracy of measurements.

(11) **Signatory requirement.** All applications, reports or information submitted to the Agency shall be signed and certified.

(a) **Application.** All permit applications shall be signed as follows:

- (1) For a corporation: by a principal executive officer of at least the level of vice president or a person or position having overall responsibility for environmental matters for the corporation;
- (2) For a partnership or sole proprietorship: by a general partner or the proprietor, respectively; or
- (3) For a municipality, State, Federal, or other public agency: by either a principal executive officer or ranking elected official.

(b) **Reports.** All reports required by permits, or other information requested by the Agency shall be signed by a person described in paragraph (a) or by a duly authorized representative of that person. A person is a duly authorized representative only if:

- (1) The authorization is made in writing by a person described in paragraph (a); and
- (2) The authorization specifies either an individual or a position responsible for the overall operation of the facility, from which the discharge originates, such as a plant manager, superintendent or person of equivalent responsibility; and
- (3) The written authorization is submitted to the Agency.

- (c) **Changes of Authorization.** If an authorization under (b) is no longer accurate because a different individual or position has responsibility for the overall operation of the facility, a new authorization satisfying the requirements of (b) must be submitted to the Agency prior to or together with any reports, information, or applications to be signed by an authorized representative.
- (12) **Reporting requirements.**
- (a) **Planned Changes.** The permittee shall give notice to the Agency as soon as possible of any planned physical alterations or additions to the permitted facility.
- (b) **Anticipated noncompliance.** The permittee shall give advance notice to the Agency of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.
- (c) **Compliance schedules.** Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule of this permit shall be submitted no later than 14 days following each schedule date.
- (d) **Monitoring reports.** Monitoring results shall be reported at the intervals specified elsewhere in this permit.
- (1) Monitoring results must be reported on a Discharge Monitoring Report (DMR).
- (2) If the permittee monitors any pollutant more frequently than required by the permit, using test procedures approved under 40 CFR 136 or as specified in the permit, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the DMR.
- (3) Calculations for all limitations which require averaging of measurements shall utilize an arithmetic mean unless otherwise specified by the Agency in the permit.
- (e) **Twenty-four hour reporting.** The permittee shall report any noncompliance which may endanger health or the environment. Any information shall be provided orally within 24 hours from the time the permittee becomes aware of the circumstances. A written submission shall also be provided within 5 days of the time the permittee becomes aware of the circumstances. The written submission shall contain a description of the noncompliance and its cause; the period of noncompliance, including exact dates and times; and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance. The following shall be included as information which must be reported within 24 hours:
- (1) Any unanticipated bypass which exceeds any effluent limitation in the permit;
- (2) Violation of a maximum daily discharge limitation for any of the pollutants listed by the Agency in the permit to be reported within 24 hours;
- The Agency may waive the written report on a case-by-case basis if the oral report has been received within 24 hours.
- (f) **Other noncompliance.** The permittee shall report all instances of noncompliance not reported under paragraphs (12)(c), (d), or (e), at the time monitoring reports are submitted. The reports shall contain the information listed in paragraph (12)(e).
- (g) **Other information.** Where the permittee becomes aware that it failed to submit any relevant facts in a permit application, or submitted incorrect information in a permit application, or in any report to the Agency, it shall promptly submit such facts or information.
- (13) **Transfer of permits.** A permit may be automatically transferred to a new permittee if:
- (a) The current permittee notifies the Agency at least 30 days in advance of the proposed transfer date;
- (b) The notice includes a written agreement between the existing and new permittees containing a specific date for transfer of permit responsibility, coverage and liability between the current and new permittees; and
- (c) The Agency does not notify the existing permittee and the proposed new permittee of its intent to modify or revoke and reissue the permit. If this notice is not received, the transfer is effective on the date specified in the agreement.
- (14) **All manufacturing, commercial, mining, and silvicultural dischargers must notify the Agency as soon as they know or have reason to believe:**
- (a) That any activity has occurred or will occur which would result in the discharge of any toxic pollutant identified under Section 307 of the Clean Water Act which is not limited in the permit, if that discharge will exceed the highest of the following notification levels:
- (1) One hundred micrograms per liter (100 ug/l);
- (2) Two hundred micrograms per liter (200 ug/l) for acrolein and acrylonitrile; five hundred micrograms per liter (500 ug/l) for 2,4-dinitrophenol and for 2-methyl-4,6-dinitrophenol; and one milligram per liter (1 mg/l) for antimony;
- (3) Five (5) times the maximum concentration value reported for that pollutant in the NPDES permit application; or
- (4) The level established by the Agency in this permit.
- (b) That they have begun or expect to begin to use or manufacture as an intermediate or final product or byproduct any toxic pollutant which was not reported in the NPDES permit application.
- (15) **All Publicly Owned Treatment Works (POTWs) must provide adequate notice to the Agency of the following:**
- (a) Any new introduction of pollutants into that POTW from an indirect discharger which would be subject to Sections 301 or 308 of the Clean Water Act if it were directly discharging those pollutants; and
- (b) Any substantial change in the volume or character of pollutants being introduced into that POTW by a source introducing pollutants into the POTW at the time of issuance of the permit.
- (c) For purposes of this paragraph, adequate notice shall include information on (i) the quality and quantity of effluent introduced into the POTW, and (ii) any anticipated impact of the change on the quantity or quality of effluent to be discharged from the POTW.
- (16) **If the permit is issued to a publicly owned or publicly regulated treatment works, the permittee shall require any industrial user of such treatment works to comply with federal requirements concerning:**
- (1) User charges pursuant to Section 204(b) of the Clean Water Act, and applicable regulations appearing in 40 CFR 35;
- (2) Toxic pollutant effluent standards and pretreatment standards pursuant to Section 307 of the Clean Water Act; and
- (3) Inspection, monitoring and entry pursuant to Section 308 of the Clean Water Act.
- (17) **If an applicable standard or limitation is promulgated under Section 301(b)(2)(C) and (D), 304(b)(2), or 307(a)(2) and that effluent standard or limitation is more stringent than any effluent limitation in the permit, or controls a pollutant not limited in the permit, the permit shall be promptly modified or revoked, and reassued to conform to that effluent standard or limitation.**
- (18) **Any authorization to construct issued to the permittee pursuant to 35 Ill. Adm. Code 309.154 is hereby incorporated by reference as a condition of this permit.**
- (19) **The permittee shall not make any false statement, representation or certification in any application, record, report, plan or other document submitted to the Agency or the USEPA, or required to be maintained under this permit.**
- (20) **The Clean Water Act provides that any person who violates a permit condition implementing Sections 301, 302, 306, 307, 308, 318, or 405 of the Clean Water Act is subject to a civil penalty not to exceed \$10,000 per day of such violation. Any person who willfully or negligently violates permit conditions implementing Sections 301, 302, 306, 307, or 308 of the Clean Water Act is subject to a fine of not less than \$2,500, nor more than \$25,000 per day of violation, or by imprisonment for not more than one year, or both.**
- (21) **The Clean Water Act provides that any person who falsifies, tampers with, or knowingly renders inaccurate any monitoring device or method required to be maintained under permit shall, upon conviction, be punished by a fine of not more than \$10,000 per violation, or by imprisonment for not more than 6 months per violation, or by both.**
- (22) **The Clean Water Act provides that any person who knowingly makes any false statement, representation, or certification in any record or other document submitted or required to be maintained under this permit shall, including monitoring reports or reports of compliance or non-compliance shall, upon conviction, be punished by a fine of not more than \$10,000 per violation, or by imprisonment for not more than 6 months per violation, or by both.**
- (23) **Collected screenings, sludges, sludges, and other solids shall be disposed of in such a manner as to prevent entry of those wastes (or runoff from the wastes) into waters of the State. The proper authorization for such disposal shall be obtained from the Agency and is incorporated as part hereof by reference.**
- (24) **In case of conflict between these standard conditions and any other condition(s) included in this permit, the other condition(s) shall govern.**
- (25) **The permittee shall comply with, in addition to the requirements of the permit, all applicable provisions of 35 Ill. Adm. Code, Subtitle C, Subtitle D, Subtitle E, and all applicable orders of the Board.**
- (26) **The provisions of this permit are severable, and if any provision of this permit, or the application of any provision of this permit is held invalid, the remaining provisions of this permit shall continue in full force and effect.**

STATE OF ILLINOIS  
ENVIRONMENTAL PROTECTION AGENCY

IL 532-0357  
ADM 39  
054-002

Subject Consolidation Coal Co. - BS4-1 Southfield

Date Renewal (1L0026492)

Reviewed by JOP Date 1-30-87

CA 3023-85 (6123-82, 7082-81, 8121-80)

2 discharges:  
006 and 007

No RF exemption  
Gets WQ exemption

Drop discharges 008, 009, and 010 (never constructed)

Discharge 001 is the responsibility of Arch of Illinois-Capt. Mine  
(but remains in this authorization).

SCA 2092-B6

Add 6.1 acres to be used for a new slurry line and  
a dual pipe freshwater line.

Action: Permit for 5 years Exp. 12-1-91  
2 discharges



Illinois Environmental Protection Agency 2200 Churchill Road, Springfield, IL 62706

317/702-4010

Consolidation Coal Company  
Turnage Star 4-1 Southfield  
LPDES Permit No. IL0029012  
Public Notice

FEB 27 1987

Consolidation Coal Company  
12735 Olive Leafway  
St. Louis, Missouri 63141

Gentlemen:

Please post the enclosed Public Notice for the subject discharge for a period of thirty days in a conspicuous place on your premises.

We have enclosed a copy of the draft LPDES permit on which this official Public Notice is based. If there are any questions, please contact Jay Pany at the indicated telephone number and address.

Thank you for your cooperation.

Very truly yours,

Thomas A. Hage, P.E.  
Manager, Industrial Unit, Permit Section  
Division of Water Pollution Control

THA:JRP/als/jc200/50

Enclosure

cc: Mine Pollution Control Program/With Enclosure  
Marion Region/Mine Pollution Control Program/With Enclosure  
Records Unit

RECEIVED

MAR 02 1987

ENVIRONMENTAL PROTECTION AGENCY  
REGIONAL OFFICE

RELEASE UNDER OF RECORDS MANAGEMENT  
RELEASEABLE

NOV 12 2015

REVIEWER: JKS

NPDES Permit No. IL0026492

Notice No. mls/sp0998g

Date:

FEB 27 1987

National Pollutant Discharge Elimination System (NPDES)  
Permit Program

PUBLIC NOTICE/FACT SHEET

of

Proposed Reissued NPDES Permit to Discharge into Waters of the State

Public Notice/Fact Sheet Issued By:

Illinois EPA  
Division of Water Pollution Control  
Permit Section  
2200 Churchill Road  
Springfield, Illinois 62706  
217/782-0610

Name and Address of Discharger:

Consolidation Coal Company  
12755 Olive Boulevard  
St. Louis, Missouri 63141

Name and Address of Facility:

Consolidation Coal Company  
Burning Star 4-1 Southfield  
Rural Route 1  
Cutlar, Illinois  
Perry County

The Illinois Environmental Protection Agency (IEPA) has made a tentative determination to issue an NPDES permit to discharge into the waters of the state and has prepared a draft permit for the above named discharger.

Length of Permit:

Approximately 5 Years

Name of Receiving Waters:

Gallum Creek

Classification of Receiving Waters:

General Use

The following water quality and effluent standards and limitations were applied to the discharge:

Except as otherwise noted the effluent concentrations and load limitations (including toxics) were based on effluent and, if applicable, water quality limitations specified in Illinois Pollution Control Board (IPCB), Rules and Regulations, Chapter 1, Subtitle C: Water Pollution and/or Subtitle D Mine Related Water Pollution, 40 CFR 434, and/or proposed effluent guidelines using the authority provided in Section 402(a)(1) of the Clean Water Act.

The applicant operates an existing surface coal mine (SIC 1211) located one mile east of Cutlar, Illinois, Perry County in Sections 1, 2, 3 and 4 of T.6S., R.4W. and Sections 21, 22, 23, 26, 27, 34, 35 and 36 of T.5S., R.4W.

Mine operations result in the discharge of surface runoff.

Flow will be monitored. The primary parameters to be limited and monitored are total suspended solids, total iron, pH, alkalinity/acidity, sulfates and chlorides.

Monitoring frequencies and reporting requirements were established by using the authority set forth in IPCB, Chapter 1, Subtitle C: Water Pollution and/or Subtitle D: Mine Related Water Pollution, Title 40, Section 122.11 and 122.62(i) of the federal regulations, and/or using the authority provided in Section 402(a)(1) of the Clean Water Act.

The effluent limitations and special conditions, if applicable, are appended as a part of the draft permit.

Interested persons are invited to submit written comments on the draft permit to the IEPA at the above address. The NPDES permit and notice number(s) must appear on each comment page. Any interested person may submit a written request for a public hearing on the draft permit, stating his or her name and address, the nature of the issues proposed to be raised and the evidence proposed to be presented with regards to those issues.

The application, engineer's review notes including load limit calculations, Public Notice/Fact Sheet, draft permit, comments received, and other documents are available for inspection and may be copied at the IEPA between 9:30 a.m. and 3:30 p.m. Monday through Friday.

All comments on the draft permit and requests for hearing must be received by the IEPA not later than 30 days from the date of this publication. If written comments or requests indicate a significant degree of public interest in the draft permit, the permitting authority may, at its discretion, hold a public hearing. Public notice will be given 30 days before any public hearing. For further information call the Public Notice Clerk at 217/782-0610.

Pursuant to the waiver provisions authorized by 40 CFR 123.24, this proposed permit is within the class, type, and size for which the Regional Administrator, Region V, has waived his right to review, object, or comment on this proposed permit action.



PUBLIC

FEB 27 1987

NOTICED

NPDES Permit No. IL0026492

Illinois Environmental Protection Agency

Division of Water Pollution Control

2200 Churchill Road

Springfield, Illinois 62706

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM

Reissued (NPDES) Permit

Expiration Date: December 1, 1991

Issue Date:  
Effective Date:

Name and Address of Permittee:

Consolidation Coal Company  
12755 Olive Boulevard  
St. Louis, Missouri 63141

Facility Name and Address:

Consolidation Coal Company  
Burning Star 4-1 Southfield  
Rural Route 1  
Cutlar, Illinois  
Perry County

Discharge Number and Name:

006, 007 Surface Runoff

Receiving Waters

Gallum Creek

In compliance with the provisions of the Illinois Environmental Protection Act, Subtitle C and/or Subtitle D Rules and Regulations of the Illinois Pollution Control Board, and the Clean Water Act, the above-named permittee is hereby authorized to discharge at the above location to the above-named receiving stream in accordance with the standard conditions and attachments herein.

Permittee is not authorized to discharge after the above expiration date. In order to receive authorization to discharge beyond the expiration date, the permittee shall submit the proper application as required by the Illinois Environmental Protection Agency (IEPA) not later than 180 days prior to the expiration date.

Thomas G. McSwiggin, P.E.  
Manager, Permit Section  
Division of Water Pollution Control

TGM:JP/mls/sp0998g/3

NPDES Permit No. IL0026492

Effluent Limitations and Monitoring

PARAMETER	LOAD LIMITS		CONCENTRATION		SAMPLE	SAMPLE
	lbs/day		LIMITS mg/l			
	30 DAY	DAILY	30 DAY	DAILY		
	AVG.	MAX.	AVG.	MAX.	FREQUENCY	TYPE

1. From the effective date of this permit until December 1, 1991, the effluent of the following discharge(s) shall be monitored and limited at all times as follows:

Outfall(s): 006, 007

Flow (MGD)				Measure When Monitoring	
Total Suspended Solids		35.0	70.0	**3/Month	Grab
Iron (Total)		3.5	7.0	**3/Month	Grab
pH	The pH shall not be less than 6.0 nor greater than 9.0.			1/Month	Grab
Alkalinity/ Acidity	Total acidity shall not exceed total alkalinity.			1/Month	Grab
Sulfates			3500	*	Grab
Chlorides			1000	*	Grab

\*Sample frequency shall be once a month until twelve samples have been collected; after which, sample frequency shall be once a quarter.

\*\*A minimum of three samples must be collected during the calendar month when the pond is discharging. A "no flow" situation is not considered to be a sample of the discharge.

NPDES Permit No. IL0026492

Construction Authorization  
Log No. 3023-85 (6123-82, 7082-81, 8121-80)

Authorization is hereby granted to the above designee to construct the mine and mine refuse area described as follows:

A slurry disposal area and reclamation activities located in Sections 1, 2, 3 and 4 of T.6S., R.4W. and Sections 21, 22, 23, 26, 27, 34, 35 and 36 of T.5S., R.4W. in Perry County as shown by the existing permit boundaries on Map A in IEPA Log #9129-79 (IDMM #881) with the exception of those areas contained in NPDES permit IL0052795, IEPA Log #6123B-82 and 5070-83.

The surface drainage is controlled by two (2) sedimentation ponds with discharges BS4-1 (006 and 007). These ponds do not qualify for the rainfall exemption of 35 Ill. Adm. Code 406.106(b)(3). Proposed discharges BS4-1 (008, 009 and 010) were never constructed and are hereby dropped from this permit. Discharge BS4-1 (001) remains in this authorization but is the responsibility of Arch of Illinois, Inc. Captain Mine. Under IL0033723 Pond 001 receives drainage as described in IEPA Log #6092-82 and 7082-81. Pursuant to 35 Ill. Adm. Code 406.203 the water quality standards of 35 Ill. Adm. Code 406.202 as they apply to sulfates, chlorides, total dissolved solids, iron and manganese shall not apply to discharges 006 and 007 subject to Special Condition 1.

Abandonment plans as shown in application IEPA 106 #6123-82 shall be executed and completed in accordance with 35 Ill. Adm. Code 405.109. All impoundments remaining upon abandonment must meet the requirements of 35 Ill. Adm. Code 406.202 and 406.106.

This Authorization is issued subject to the following Condition(s). If such Condition(s) require(s) additional or revised facilities, satisfactory engineering plan documents must be submitted to this Agency for review and approval to secure issuance of a Supplemental Authorization to Construct.

1. Any of the following shall be a violation of the provisions required under 35 Ill. Adm. Code 406.203(c):
  - A. It is demonstrated that an adverse effect on the environment in and around the receiving stream has occurred or is likely to occur.
  - B. It is demonstrated that the discharge has adversely affected or is likely to adversely effect any public water supply.
  - C. The Agency determines the permittee is not utilizing good mining practices which are applicable in order to minimize the discharge of total dissolved solids, chloride, sulfate, iron and

NPDES Permit No. IL0026492

Construction Authorization  
Log No. 3023-85 (6123-82, 7082-81, 8121-80)

manganese. The following concentrations are presumed achievable according to information in the application, and demonstrate the utilization of good mining practices. The Agency may require additional information to determine compliance with 35 Ill. Adm. Code 406.204 when they are exceeded.

<u>Outfall</u>	<u>Chloride in mg/l</u>	<u>Sulfate in mg/l</u>	<u>Other</u>
006, 007	500	800	

2. If any statement or representation is found to be incorrect, this permit may be revoked and the permittee thereupon waives all rights thereunder.
3. The issuance of this permit (a) shall not be considered as in any manner affecting the title of the premises upon which the mine or mine refuse area is to be located; (b) does not release the permittee from any liability for damage to person or property caused by or resulting from the installation, maintenance or operation of the proposed facilities; (c) does not take into consideration the structural stability of any units or parts of the project; and (d) does not release the permittee from compliance with other applicable statutes of the State of Illinois, or with applicable local laws, regulations or ordinances.
4. Final plans, specifications, application and supporting documents as submitted by the person indicated on Page 1 as approved shall constitute part of this permit and are identified by Log #6123-82, 7082-81, 8121-80 in the records of the Illinois Environmental Protection Agency.
5. This permit may not be assigned or transferred. Any subsequent operator shall obtain a new permit from the Illinois Environmental Protection Agency.
6. There shall be no deviations from the approved plans and specifications unless revised plans, specifications and application shall first have been submitted to the Illinois Environmental Protection Agency and a supplemental permit issued.
7. The permit holder shall notify the Illinois Environmental Protection Agency (217/782-3637) immediately of an emergency at the mine or mine refuse area which causes or threatens to cause a sudden discharge of contaminants into the waters of Illinois and shall immediately undertake necessary corrective measures as required by Rule 405.111. (217/782-3637 for calls between the hours of 5:00 p.m. to 8:30 a.m. and on weekends.)

NPDES Permit No. IL0026492

Construction Authorization  
Log No. 3023-85 (6123-82, 7082-81, 8121-80)

8. No effluent from any mine or mine refuse area under this permit shall, alone or in combination with other sources, cause a violation of any applicable water quality standard as set out in Title 35. Environmental Protection, Subtitle C: Water Pollution, Chapter I: Pollution Control Board.
9. The termination of an NPDES discharge monitoring point or cessation of monitoring of an NPDES discharge is not authorized by this Agency until the permittee submits adequate justification to show what alternate treatment is provided or that untreated drainage will meet applicable effluent and water quality standards.

Supplemental Construction Authorization  
Log No. 2092-86

Supplemental Authorization is hereby granted to the above designee to construct mine and mine refuse area, which were previously approved under Authorization No. 3023-86 dated April 24, 1986. These facilities have been revised as follows:

The addition of 6.1 acres for a 60 foot wide corridor in the area designated on the mining operation map with application log #2092-86. The acreage will be used for a new slurry line and a dual pipe freshwater line.

This operation will not affect the approved drainage control nor refuse disposal plan.

The abandonment of this area shall be executed and completed in accordance with 35 Ill. Adm. Code 405.109.

NPDES Permit No. ILIL0026492

Special Conditions

1. Samples taken in compliance with the effluent monitoring requirements shall be taken at a point representative of the discharge, but prior to entry into the receiving stream.
2. No effluent from any mine related facility area under this permit shall, alone or in combination with other sources, cause a violation of any applicable water quality standard as set out in the Illinois Pollution Control Board Rules and Regulations, Chapter 1, Subtitle C: Water Pollution, unless specifically exempted under Rule 406.203 of Chapter 1, Subtitle D, Mine Related Water Pollution.
3. The permittee shall record monitoring results on Discharge Monitoring Report Forms using one such form for each discharge each month.

Discharge Monitoring Reports shall be mailed to the IEPA at the following address:

Illinois Environmental Protection Agency  
Division of Water Pollution Control  
2200 Churchill Road  
P.O. Box 19276  
Springfield, Illinois 62794-9276

Attention: Mine Pollution Control Program

4. The completed Discharge Monitoring Report form shall be retained by the permittee for a period of three months and shall be mailed and received by the IEPA in accordance with the following schedule, unless otherwise specified by the permitting authority.

Period

January, February, March  
April, May, June,  
July, August, September  
October, November, December

Received by IEPA

April 15  
July 15  
October 15  
January 15

## ATTACHMENT H

### Standard Conditions

#### Definitions

**Act** means the Illinois Environmental Protection Act, Ch. 111 1/2 Ill. Rev. Stat., Sec. 1001-1051 as Amended.

**Agency** means the Illinois Environmental Protection Agency.

**Board** means the Illinois Pollution Control Board.

**Clean Water Act** (formerly referred to as the Federal Water Pollution Control Act) means Pub. L. 92-500, as amended, 33 U.S.C. 1251 et seq.

**NPDES** (National Pollutant Discharge Elimination System) means the national program for issuing, modifying, revoking and reissuing, terminating, monitoring and enforcing permits, and imposing and enforcing pretreatment requirements, under Sections 307, 402, 318 and 405 of the Clean Water Act.

**USEPA** means the United States Environmental Protection Agency.

**Daily Discharge** means the discharge of a pollutant measured during a calendar day or any 24-hour period that reasonably represents the calendar day for purposes of sampling. For pollutants with limitations expressed in units of mass, the "daily discharge" is calculated as the total mass of the pollutant discharged over the day. For pollutants with limitations expressed in other units of measurements, the "daily discharge" is calculated as the average measurement of the pollutant over the day.

**Maximum Daily Discharge Limitation** (daily maximum) means the highest allowable daily discharge.

**Average Monthly Discharge Limitation** (30 day average) means the highest allowable average of daily discharges over a calendar month, calculated as the sum of all daily discharges measured during a calendar month divided by the number of daily discharges measured during that month.

**Average Weekly Discharge Limitation** (7 day average) means the highest allowable average of daily discharges over a calendar week, calculated as the sum of all daily discharges measured during a calendar week divided by the number of daily discharges measured during that week.

**Best Management Practices (BMPs)** means schedules of activities, prohibitions of practices, maintenance procedures, and other management practices to prevent or reduce the pollution of waters of the State. BMPs also include treatment requirements, operating procedures, and practices to control plant site runoff, spillage or leaks, sludge or waste disposal, or drainage from raw material storage.

**Aliquot** means a sample of specified volume used to make up a total composite sample.

**Grab Sample** means an individual sample of at least 100 milliliters collected at a randomly-selected time over a period not exceeding 15 minutes.

**24 Hour Composite Sample** means a combination of at least 8 sample aliquots of at least 100 milliliters, collected at periodic intervals during the operating hours of a facility over a 24-hour period.

**8 Hour Composite Sample** means a combination of at least 3 sample aliquots of at least 100 milliliters, collected at periodic intervals during the operating hours of a facility over an 8-hour period.

**Flow Proportional Composite Sample** means a combination of sample aliquots of at least 100 milliliters collected at periodic intervals such that either the time interval between each aliquot or the volume of each aliquot is proportional to either the stream flow at the time of sampling or the total stream flow since the collection of the previous aliquot.

- (1) **Duty to comply.** The permittee must comply with all conditions of this permit. Any permit noncompliance constitutes a violation of the Act and is grounds for enforcement action, permit termination, revocation and reissuance, modification, or for denial of a permit renewal application. The permittee shall comply with effluent standards or prohibitions established under Section 307(a) of the Clean Water Act for toxic pollutants within the time provided in the regulations that establish these standards or prohibitions, even if the permit has not yet been modified to incorporate the requirement.
- (2) **Duty to reapply.** If the permittee wishes to continue an activity regulated by this permit after the expiration date of this permit, the permittee must apply for and obtain a new permit. If the permittee submits a proper application as required by the Agency no later than 180 days prior to the expiration date, this permit shall continue in full force and effect until the final Agency decision on the application has been made.
- (3) **Need to halt or reduce activity not a defense.** It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.
- (4) **Duty to mitigate.** The permittee shall take all reasonable steps to minimize or prevent any discharge in violation of this permit which has a reasonable likelihood of adversely affecting human health or the environment.
- (5) **Proper operation and maintenance.** The permittee shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the permittee to achieve compliance with the conditions of this permit. Proper operation and maintenance includes effective performance, adequate funding, adequate operator staffing and training, and adequate laboratory and process controls, including appropriate quality assurance procedures. This provision requires the operation of back-up, or auxiliary facilities, or similar systems only when necessary to achieve compliance with the conditions of the permit.

- (6) **Permit actions.** This permit may be modified, revoked and reissued, or terminated for cause by the Agency pursuant to 40 CFR 122.62. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance, does not stay any permit condition.
- (7) **Property rights.** This permit does not convey any property rights of any sort, or any exclusive privilege.
- (8) **Duty to provide information.** The permittee shall furnish to the Agency within a reasonable time, any information which the Agency may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with the permit. The permittee shall also furnish to the Agency, upon request, copies of records required to be kept by this permit.
- (9) **Inspection and entry.** The permittee shall allow an authorized representative of the Agency, upon the presentation of credentials and other documents as may be required by law, to:
  - (a) Enter upon the permittee's premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of this permit;
  - (b) Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;
  - (c) Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this permit; and
  - (d) Sample or monitor at reasonable times, for the purpose of assuring permit compliance, or as otherwise authorized by the Act, any substances or parameters at any location.
- (10) **Monitoring and records.**
  - (a) Samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity.
  - (b) The permittee shall retain records of all monitoring information, including all calibration and maintenance records, and all original strip chart recordings for continuous monitoring instrumentation, copies of all reports required by this permit, and records of all data used to complete the application for this permit, for a period of at least 3 years from the date of this permit, measurement, report or application. This period may be extended by request of the Agency at any time.
  - (c) Records of monitoring information shall include:
    - (1) The date, exact place, and time of sampling or measurements;
    - (2) The individual(s) who performed the sampling or measurements;
    - (3) The date(s) analyses were performed;
    - (4) The individual(s) who performed the analyses;
    - (5) The analytical techniques or methods used; and
    - (6) The results of such analyses.
  - (d) Monitoring must be conducted according to test procedures approved under 40 CFR Part 136, unless other test procedures have been specified in this permit. Where no test procedure under 40 CFR Part 136 has been approved, the permittee must submit to the Agency a test method for approval. The permittee shall calibrate and perform maintenance procedures on all monitoring and analytical instrumentation at intervals to ensure accuracy of measurements.
- (11) **Signatory requirement.** All applications, reports or information submitted to the Agency shall be signed and certified.
  - (a) **Application.** All permit applications shall be signed as follows:
    - (1) For a corporation: by a principal executive officer of at least the level of vice president or a person or position having overall responsibility for environmental matters for the corporation;
    - (2) For a partnership or sole proprietorship: by a general partner or the proprietor, respectively; or
    - (3) For a municipality, State, Federal, or other public agency: by either a principal executive officer or ranking elected official.
  - (b) **Reports.** All reports required by permits, or other information requested by the Agency shall be signed by a person described in paragraph (a) or by a duly authorized representative of that person. A person is a duly authorized representative only if:
    - (1) The authorization is made in writing by a person described in paragraph (a); and
    - (2) The authorization specifies either an individual or a position responsible for the overall operation of the facility, from which the discharge originates, such as a plant manager, superintendent or person of equivalent responsibility; and
    - (3) The written authorization is submitted to the Agency.

- (c) **Changes of Authorization.** If an authorization under (b) is no longer accurate because a different individual or position has responsibility for the overall operation of the facility, a new authorization satisfying the requirements of (b) must be submitted to the Agency prior to or together with any reports, information, or applications to be signed by an authorized representative.
- (12) **Reporting requirements.**
- (a) **Planned Changes.** The permittee shall give notice to the Agency as soon as possible of any planned physical alterations or additions to the permitted facility.
- (b) **Anticipated noncompliance.** The permittee shall give advance notice to the Agency of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.
- (c) **Compliance schedules.** Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule of this permit shall be submitted no later than 14 days following each schedule date.
- (d) **Monitoring reports.** Monitoring results shall be reported at the intervals specified elsewhere in this permit.
- (1) **Monitoring results must be reported on a Discharge Monitoring Report (DMR).**
- (2) **If the permittee monitors any pollutant more frequently than required by the permit, using test procedures approved under 40 CFR 136 or as specified in the permit, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the DMR.**
- (3) **Calculations for all limitations which require averaging of measurements shall utilize an arithmetic mean unless otherwise specified by the Agency in the permit.**
- (a) **Twenty-four hour reporting.** The permittee shall report any noncompliance which may endanger health or the environment. Any information shall be provided orally within 24 hours from the time the permittee becomes aware of the circumstances. A written submission shall also be provided within 5 days of the time the permittee becomes aware of the circumstances. The written submission shall contain a description of the noncompliance and its cause; the period of noncompliance, including exact dates and times; and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance. The following shall be included as information which must be reported within 24 hours:
- (1) Any unanticipated bypass which exceeds any effluent limitation in the permit;
- (2) Violation of a maximum daily discharge limitation for any of the pollutants listed by the Agency in the permit to be reported within 24 hours;
- The Agency may waive the written report on a case-by-case basis if the oral report has been received within 24 hours.
- (b) **Other noncompliance.** The permittee shall report all instances of noncompliance not reported under paragraphs (12)(c), (d), or (a), at the time monitoring reports are submitted. The reports shall contain the information listed in paragraph (12)(e).
- (c) **Other information.** Where the permittee becomes aware that it failed to submit any relevant facts in a permit application, or submitted incorrect information in a permit application, or in any report to the Agency, it shall promptly submit such facts or information.
- (13) **Transfer of permits.** A permit may be automatically transferred to a new permittee if:
- (a) The current permittee notifies the Agency at least 30 days in advance of the proposed transfer date;
- (b) The notice includes a written agreement between the existing and new permittees containing a specific date for transfer of permit responsibility, coverage and liability between the current and new permittees; and
- (c) The Agency does not notify the existing permittee and the proposed new permittee of its intent to modify or revoke and reissue the permit. If this notice is not received, the transfer is effective on the date specified in the agreement.
- (14) **All manufacturing, commercial, mining, and silvicultural dischargers must notify the Agency as soon as they know or have reason to believe:**
- (a) That any activity has occurred or will occur which would result in the discharge of any toxic pollutant identified under Section 307 of the Clean Water Act which is not limited in the permit, if that discharge will exceed the highest of the following notification levels:
- (1) One hundred micrograms per liter (100 ug/l);
- (2) Two hundred micrograms per liter (200 ug/l) for acrolein and acrylonitrile; five hundred micrograms per liter (500 ug/l) for 2,4-dinitrophenol and for 2-methyl-4,6-dinitrophenol; and one milligram per liter (1 mg/l) for antimony;
- (3) Five (5) times the maximum concentration value reported for that pollutant in the NPDES permit application; or
- (4) The level established by the Agency in this permit.
- (b) That they have begun or expect to begin to use or manufacture as an intermediate or final product or byproduct any toxic pollutant which was not reported in the NPDES permit application.
- (15) **All Publicly Owned Treatment Works (POTWs) must provide adequate notice to the Agency of the following:**
- (a) Any new introduction of pollutants into that POTW from an indirect discharger which would be subject to Sections 301 or 306 of the Clean Water Act if it were directly discharging those pollutants; and
- (b) Any substantial change in the volume or character of pollutants being introduced into that POTW by a source introducing pollutants into the POTW at the time of issuance of the permit.
- (c) For purposes of this paragraph, adequate notice shall include information on (i) the quality and quantity of effluent introduced into the POTW, and (ii) any anticipated impact of the change on the quantity or quality of effluent to be discharged from the POTW.
- (16) **If the permit is issued to a publicly owned or publicly regulated treatment works, the permittee shall require any industrial user of such treatment works to comply with federal requirements concerning:**
- (1) User charges pursuant to Section 204(b) of the Clean Water Act, and applicable regulations appearing in 40 CFR 35;
- (2) Toxic pollutant effluent standards and pretreatment standards pursuant to Section 307 of the Clean Water Act; and
- (3) Inspection, monitoring and entry pursuant to Section 308 of the Clean Water Act.
- (17) **If an applicable standard or limitation is promulgated under Section 301(b)(2)(C) and (D), 304(b)(2), or 307(a)(2) and that effluent standard or limitation is more stringent than any effluent limitation in the permit, or controls a pollutant not limited in the permit, the permit shall be promptly modified or revoked, and required to conform to that effluent standard or limitation.**
- (18) **Any authorization to construct issued to the permittee pursuant to 35 Ill. Adm. Code 309.154 is hereby incorporated by reference as a condition of this permit.**
- (19) **The permittee shall not make any false statement, representation or certification in any application, record, report, plan or other document submitted to the Agency or the USEPA, or required to be maintained under this permit.**
- (20) **The Clean Water Act provides that any person who violates a permit condition implementing Sections 301, 302, 306, 307, 308, 318, or 405 of the Clean Water Act is subject to a civil penalty not to exceed \$10,000 per day of such violation. Any person who willfully or negligently violates permit conditions implementing Sections 301, 302, 308, 307, or 308 of the Clean Water Act is subject to a fine of not less than \$2,500, nor more than \$25,000 per day of violation, or by imprisonment for not more than one year, or both.**
- (21) **The Clean Water Act provides that any person who falsifies, tampers with, or knowingly renders inaccurate any monitoring device or method required to be maintained under permit shall, upon conviction, be punished by a fine of not more than \$10,000 per violation, or by imprisonment for not more than 6 months per violation, or by both.**
- (22) **The Clean Water Act provides that any person who knowingly makes any false statement, representation, or certification in any record or other document submitted or required to be maintained under this permit shall, including monitoring reports or reports of compliance or non-compliance shall, upon conviction, be punished by a fine of not more than \$10,000 per violation, or by imprisonment for not more than 6 months per violation, or by both.**
- (23) **Collected screening, slimes, sludges, and other solids shall be disposed of in such a manner as to prevent entry of those wastes (or runoff from the wastes) into waters of the State. The proper authorization for such disposal shall be obtained from the Agency and is incorporated as part hereof by reference.**
- (24) **In case of conflict between these standard conditions and any other condition(s) included in this permit, the other condition(s) shall govern.**
- (25) **The permittee shall comply with, in addition to the requirements of the permit, all applicable provisions of 35 Ill. Adm. Code, Subtitle C, Subtitle D, Subtitle E, and all applicable orders of the Board.**
- (26) **The provisions of this permit are severable, and if any provision of this permit, or the application of any provision of this permit is held invalid, the remaining provisions of this permit shall continue in full force and effect.**





Illinois Environmental Protection Agency · 2200 Churchill Road, Springfield, IL 62706

3023-85

217/765-0748

Consolidation Coal Company, Burning Star 4-1, Southfield, Perry County, ID#1  
#73, IEPA Log #3023C-85, IL0026452, NPDES Renewal

April 24, 1986

Consolidation Coal Company  
Attention: Nick Helmann  
12755 Olive Boulevard  
St. Louis, Missouri 63141

Gentlemen:

Enclosed please find a copy of the proposed construction authorization which has been drafted for inclusion in your NPDES Permit for the subject facilities. As this proposed construction authorization will be contained in the proposed NPDES Permit, it will be distributed for comment according to the NPDES Public Notice procedures. Any questions or comments regarding the contents and/or conditions of this proposed construction authorization should be made during the comment period allowed under the NPDES Public Notice procedures.

Sincerely,

*Edwin C. Bakowski*  
Edwin C. Bakowski, P.E.  
Manager, Permit Section  
Mine Pollution Control Program

REPRODUCTION OF RECORDS MANAGEMENT  
RELEASEABLE

NOV 12 2015

REVIEWER: JKS

ECB:JH:ba/0463f/18

Enclosure

cc: Field Office ✓  
Department of Mines and Minerals

RECEIVED

APR 28 1986

MINES AND MINERALS  
POLLUTION CONTROL PROGRAM  
MAY 1 1986



3023-05 (6123-82, 7082-81, 8121-80)

IL0026492

3023-05

April 24, 1986

Victor Ordija, P.E., Consolidation Coal Company

Consolidation Coal Company, Burning Star 4-1, Southfield, NPDES  
Renewal

**AUTHORIZATION TO CONSTRUCT TO:**

Consolidation Coal Company  
Attention: Nick Neumann  
12755 Olive Boulevard  
St. Louis, Missouri 63141

Authorization is hereby granted to the above designee to construct the mine and mine refuse area described as follows:

A slurry disposal area and reclamation activities located in Sections 1, 2, 3 and 4 of T.6S., R.4W. and Sections 21, 22, 23, 26, 27, 34, 35 and 36 of T.5S., R.4W. in Perry County, as shown by the existing permit boundaries on Map A in IEPA Log #9129-79 (IDMS #881) with the exception of those areas contained in NPDES permit IL0052795, IEPA Log #6123B-02 and 5070-83.

The surface drainage is controlled by two (2) sedimentation ponds with discharges BS4-1 (006 and 007). These ponds do not qualify for the rainfall exemption of 35 Ill. Adm. Code 406.106(b)(3). Proposed discharges BS4-1 (008, 009 and 010) were never constructed and are hereby dropped from this permit. Discharge BS4-1 (001) remains in this authorization but is the responsibility of Arch of Illinois, Inc. Captain Mine. Under IL0033723 Pond 001 receives drainage as described in IEPA Log #6092-82 and 7082-81. Pursuant to 35 Ill. Admin. Code 406.203 the water quality standards of 35 Ill. Admin. Code 406.202 as they apply to sulfates, chlorides, total dissolved solids, iron and manganese shall not apply to discharges 006 and 007 subject to Special Condition 1.

Abandonment plans, as shown in application IEPA Log #6123-82, shall be executed and completed in accordance with 35 Ill. Adm. Code 405.109. All impoundments remaining upon abandonment must meet the requirements of 35 Ill. Adm. Code 405.202 and 406.106.

This Authorization is issued subject to the following Condition(s). If such Condition(s) require(s) additional or revised facilities, satisfactory engineering plan documents must be submitted to this Agency for review and approval to secure issuance of a Supplemental Authorization to Construct.



1. Any of the following shall be a violation of the provisions required under 35 Ill. Admin. Code 406.203(c):

- A. It is demonstrated that an adverse effect on the environment in and around the receiving stream has occurred or is likely to occur.
- B. It is demonstrated that the discharge has adversely affected or is likely to adversely effect any public water supply.
- C. The Agency determines the permittee is not utilizing good mining practices which are applicable in order to minimize the discharge of total dissolved solids, chloride, sulfate, iron and manganese. The following concentrations are presumed achievable according to information in the application, and demonstrate the utilization of good mining practices. The Agency may require additional information to determine compliance with 35 Ill. Admin. Code 406.204 when they are exceeded.

<u>Outfall</u>	<u>Chloride in mg/l</u>	<u>Sulfate in mg/l</u>	<u>Other</u>
006, 007	500	800	

2. If any statement or representation is found to be incorrect, this permit may be revoked and the permittee thereupon waives all rights thereunder.
3. The issuance of this permit (a) shall not be considered as in any manner affecting the title of the premises upon which the mine or mine refuse area is to be located; (b) does not release the permittee from any liability for damage to person or property caused by or resulting from the installation, maintenance or operation of the proposed facilities; (c) does not take into consideration the structural stability of any units or parts of the project; and (d) does not release the permittee from compliance with other applicable statutes of the State of Illinois, or with applicable local laws, regulations or ordinances.
4. Final plans, specifications, application and supporting documents as submitted by the person indicated on Page 1 as approved shall constitute part of this permit and are identified by Log #6123-82, 7082-81, 8121-80 in the records of the Illinois Environmental Protection Agency.
5. This permit may not be assigned or transferred. Any subsequent operator shall obtain a new permit from the Illinois Environmental Protection Agency.



6. There shall be no deviations from the approved plans and specifications unless revised plans, specifications and application shall first have been submitted to the Illinois Environmental Protection Agency and a supplemental permit issued.
7. The permit holder shall notify the Environmental Protection Agency (217/782-3637) immediately of an emergency at the mine or mine refuse area which causes or threatens to cause a sudden discharge of contaminants into the waters of Illinois and shall immediately undertake necessary corrective measures as required by 35 Ill. Admin. Code 405.111. (217/782-3637 for calls between the hours of 5:00 p.m. to 8:30 a.m. and on weekends.)
8. No effluent from any mine or mine refuse area under this permit shall, alone or in combination with other sources, cause a violation of any applicable water quality standard as set out in Title 35: Environmental Protection, Subtitle C: Water Pollution, Chapter I: Pollution Control Board.
9. The termination of an NPDES discharge monitoring point or cessation of monitoring of an NPDES discharge is not authorized by this Agency until the permittee submits adequate justification to show that alternate treatment is provided or that untreated drainage will meet applicable effluent and water quality standards.



## ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

MEMORANDUM

TO: SNIRITY FATHER - DWPC - PERMITS

DATE: 4/24/86

FROM: TOYER MUNIE - MPC - PERMITS

☒ Information only

SUBJECT: CONSOLIDATION CRAL COMPANY - BURNING STAGE 4-1

☐ Response requested

BUTFIELD

IL0026492 RENEWAL

RECEIVED

TEPA LOG # 3023C-85

APR 28 1986

STATE OF ILLINOIS  
DEPARTMENT OF ENVIRONMENTAL CONTROL  
PERMITS SECTION

2 DISCHARGES : BS 4-1 (006 &amp; 007)

\* NEITHER QUALIFY FOR THE RAINFALL EXEMPTION

BOTH QUALIFY FOR THE WATER QUALITY EXEMPTION

BOTH DISCHARGE TO GALLUM CREEK

CRAB SAMPLES

DROP 008, 009 and 010. THEY WERE PROPOSED  
BUT NEVER CONSTRUCTED5 year permit  
Crab Sampling

BS # 4  
Southfield

RECEIVED  
FEB 25 1986  
MINE POLLUTION CONTROL PROGRAM  
HARLOW, ILLINOIS

addl info 3023C-85  
30 days  
only 1 copy per  
make 2 copies

Consolidation Coal Company  
Mid-Continent Region  
12755 Olive Boulevard  
St. Louis, Missouri 63141  
(314) 275-2300

February 7, 1986

RECEIVED

FEB 12 1986

MINE POLLUTION  
CONTROL PROGRAM

Edwin C. Bakowski, P.E.  
Manager, Permit Section  
Mine Pollution Control Program  
Illinois Environmental Protection Agency  
2200 Churchill Road  
Springfield, Illinois 62706


Dear Mr. Bakowski:

RE: Burning Star No. 4 - Southfield  
I.E.P.A. IL 0026492 (BS4-1) Log #3023-85  
Permit Renewal

As per my November 7, 1985 letter to you regarding permit renewal of the above-mentioned N.P.D.E.S. permit, attached is the priority pollutant sample analysis so as to complete the water sample data for Form 2-C. This sample is from outfall 007 which is representative of the discharges for this permit.

Should you require any additional information to finalize the renewal of this permit, please feel free to contact me.

Sincerely,



Nicolaus P. Neumann, P.E.  
Group Leader - Permits

NPN:vms

Attachment



Laboratory Services Division  
5350 Campbells Run Road  
Pittsburgh, PA 15205

REMIT TO:  
Park West Two  
Cliff Mine Road  
Pittsburgh, PA 15275

412-788-1080

## LABORATORY ANALYSIS REPORT

CLIENT NAME: CONSOLIDATION COAL COMPANY  
ADDRESS: 12755 OLIVE STREET  
ST. LOUIS, MO 63141

REPORT DATE: 02/04/86

NUS CLIENT NO: 121401 /  
NUS SAMPLE NO: 16010648  
VENDOR NO: 05705502  
WORK ORDER NO: 55830  
DATE RECEIVED: 01/14/86

ATTENTION: MR. NIC NEUMANN

SAMPLE IDENTIFICATION: LAKE - B54-1 (007) GRAB

01/13 44

TEST	DETERMINATION	RESULTS	UNITS
1A32	Fecal Coliform - MPN	440	col/100ml
W490	pH	7.6	

RECEIVED

FEB 25 1986

LAKE POLLUTION CONTROL PROGRAM  
CARBON, ILLINOIS

COMMENTS:

Reviewed and Approved by: JMC

A Halliburton Company

CLIENT DUPLICATE



Laboratory Services Division  
5350 Campbells Run Road  
Pittsburgh, PA 15205

REMIT TO:  
Park West Two  
Cliff Mine Road  
Pittsburgh, PA 15275

412-788-1080

## LAB ANALYSIS REPORT

CLIENT NAME: CONSOLIDATION COAL COMPANY  
ADDRESS: 12755 OLIVE STREET  
ST. LOUIS, MO 63141

ATTENTION: MR. NIC NEUMANN

REPORT DATE: 02/04/86

NUS CLIENT NO: 121401  
NUS SAMPLE NO: 16010647  
VENDOR NO: 05705502  
WORK ORDER NO: 55830  
DATE RECEIVED: 01/14/86

SAMPLE IDENTIFICATION: LAKE - BS4-1 (007) GRAB

01/13 43

TEST	DETERMINATION	RESULTS	UNITS
1A32	Fecal Coliform - MPN	460	col/100ml
W490	pH	7.6	

COMMENTS:

Reviewed and Approved by: JHC

 A Halliburton Company

CLIENT DUPLICATE





Laboratory Services Division  
5350 Campbells Run Road  
Pittsburgh, PA 15205

REMIT TO:  
Park West Two  
Cliff Mine Road  
Pittsburgh, PA 15275

412-788-1080

## LAB ANALYSIS REPORT

CLIENT NAME: CONSOLIDATION COAL COMPANY  
ADDRESS: 12755 OLIVE STREET  
ST. LOUIS, MO 63141

REPORT DATE: 02/04/86

NUS CLIENT NO: 121401  
NUS SAMPLE NO: 16010646  
VENDOR NO: 05705502  
WORK ORDER NO: 55830  
DATE RECEIVED: 01/14/86

ATTENTION: MR. NIC NEUMANN

SAMPLE IDENTIFICATION: LAKE - BS4-1 (007) GRAB

01/13 #2

TEST	DETERMINATION	RESULTS	UNITS
1832	Fecal Coliform - MPN	460	col/100ml
W490	pH	7.6	

COMMENTS:

Reviewed and Approved by: JNC

 A Halliburton Company

CLIENT DUPLICATE



Laboratory Services Division  
5350 Campbells Run Road  
Pittsburgh, PA 15205

REMIT TO:  
Park West Two  
Cliff Mine Road  
Pittsburgh, PA 15275

412-788-1080

## LAB ANALYSIS REPORT

CLIENT NAME: CONSOLIDATION COAL COMPANY  
ADDRESS: 12755 OLIVE STREET  
ST. LOUIS, MO 63141

ATTENTION: MR. NIC NEUMANN

REPORT DATE: 02/04/86

NUS CLIENT NO: 121401  
NUS SAMPLE NO: 14010645  
VENDOR NO: 05705502  
WORK ORDER NO: 55830  
DATE RECEIVED: 01/14/86

SAMPLE IDENTIFICATION: LAKE - RS4-1 (007) GRAB

01/13 #1

TEST	DETERMINATION	RESULTS	UNITS
1A32	Fecal Coliform - MPN	440	col/100ml
W490	pH	7.7	

COMMENTS:

Reviewed and Approved by: JMC

A Halliburton Company

CLIENT DUPLICATE



Laboratory Services Division  
5350 Campbells Run Road  
Pittsburgh, PA 15205

REMIT TO:  
Park West Two  
Cliff Mine Road  
Pittsburgh, PA 15275  
412-788-1080

## LAB ANALYSIS REPORT

CLIENT NAME: CONSOLIDATION COAL COMPANY  
ADDRESS: 12735 OLIVE STREET  
ST. LOUIS, MO 63141

REPORT DATE: 02/04/86

NUS CLIENT NO: 121401  
NUS SAMPLE NO: 16010644  
VENDOR NO: 05705502  
WORK ORDER NO: 55830  
DATE RECEIVED: 01/14/86

ATTENTION: MR. NIC NEUHANN

SAMPLE IDENTIFICATION: LAKE - BSA-1 (007) 24 HOUR COMPOSITE 01/13

TEST	DETERMINATION	RESULTS	UNITS
N361	NPIES PART V-B		
M010	Aluminum (Al)	0.1	mg/l
M040	Barium (Ba)	< 0.1	mg/l
M150	Cobalt (Co)	< 0.01	mg/l
M190	Iron, total (Fe)	0.08	mg/l
M230	Magnesium (Mg)	45	mg/l
M240	Manganese (Mn)	0.01	mg/l
M260	Molybdenum (Mo)	< 0.03	mg/l
M340	Tin (Sn)	< 1	mg/l
M350	Titanium (Ti)	< 0.5	mg/l
M055	Boron (B)	< 0.2	mg/l
M060	Bromide (Br)	< 2	mg/l
M225	Color, True	5	Pt-Co
M310	Fluoride, total (F)	< 1	mg/l
M390	Nitrate (N)	< 0.1	mg/l
M410	Nitrite (N)	< 0.02	mg/l
M425	Nitrogen, Kjeldahl (N)	0.7	mg/l
M440	Nitrogen, Organic (N)	0.7	mg/l
M540	Phosphorus, total (P)	0.75	mg/l
M730	Sulfate, turbidimetric (SO4)	380	mg/l
M740	Sulfide (S)	< 0.1	mg/l
M760	Sulfite (SO3)	< 2.0	mg/l
M770	Surfactants (NBS)	< 0.05	mg/l
M362	NPIES PART V-C TOXIC METALS		
M020	Antimony (Sb)	< 0.1	mg/l
M030	Arsenic (As)	< 0.001	mg/l
M050	Beryllium (Be)	< 0.002	mg/l
M090	Cadmium (Cd)	< 0.005	mg/l
M140	Chromium (Cr)	< 0.01	mg/l
M160	Copper (Cu)	0.02	mg/l
M200	Lead (Pb)	< 0.03	mg/l
M250	Mercury (Hg)	< 0.0002	mg/l

PAGE NO: 1



Laboratory Services Division  
5350 Campbells Run Road  
Pittsburgh, PA 15205

REMIT TO:  
Park West Two  
Cliff Mine Road  
Pittsburgh, PA, 15275

412-788-1080

## LAB ANALYSIS REPORT

CLIENT NAME: CONSOLIDATION COAL COMPANY  
ADDRESS: 12755 OLIVE STREET  
ST. LOUIS, MO 63141

REPORT DATE: 02/04/86

ATTENTION: MR. MIC NEUMANN

NUS CLIENT NO: 121401  
NUS SAMPLE NO: 16010644  
VENDOR NO: 05703502  
WORK ORDER NO: 55830  
DATE RECEIVED: 01/14/86

SAMPLE IDENTIFICATION: LAKE - BSA-1 (007) 24 HOUR COMPOSITE 01/13

TEST	DETERMINATION	RESULTS	UNITS
M270	Nickel (Ni)	< 0.03	mg/l
M290	Selenium (Se)	< 0.004	mg/l
M300	Silver (Ag)	< 0.01	mg/l
M330	Thallium (Tl)	< 0.1	mg/l
M390	Zinc (Zn)	0.02	mg/l
M270	Cyanide, total (CN)	0.003	mg/l
M500	Phenolics	< 0.02	mg/l
M032	Ammonia as N (distillation)	< 0.1	mg/l
M050	BOD, 5-day (O2)	2.1	mg/l
M116	Organic Carbon (non-purgeable)	4.2	mg/l
M120	COD (O2)	44	mg/l
M610	Solids, suspended at 103 C	4	mg/l
M680	Oil, extraction-gravimetric	3.4	mg/l

COMMENTS:

Reviewed and Approved by: JMC

PAGE NO: 2

5037-83

217/785-0740

Consolidation Coal Company  
Durning Star #4 Mine - Southfield (Perry Co.)  
5037-83 (7082-81, 8121-80) IL0026492

EPA DIVISION OF RECORDS MANAGEMENT  
RELEASABLE

June 2, 1983

NOV 12 2015

Consolidation Coal Company  
Illinois Surface Operations  
Post Office Box 218  
Pinckneyville, Illinois 62274

REVIEWER: JKS

Gentlemen:

Enclosed please find a copy of the proposed construction authorization which has been drafted for inclusion in your NPDES Permit for the subject facilities. As this proposed construction authorization will be contained in the proposed NPDES Permit, it will be distributed for comment according to the NPDES Public Notice procedures. Any questions or comments regarding the contents and/or conditions of this proposed construction authorization should be made during the comment period allowed under the NPDES Public Notice procedures.

Sincerely,

*Edwin C. Bakowski*  
Edwin C. Bakowski  
Acting Manager, Permit Section  
Mine Pollution Control Program

ECB:ba/7205c/3

Enclosure

cc: Field Office

*drops  
out fall  
001*

*WEL*

7082-SU

IL002-092

October 22, 1981

October 22, 1981

September 30, 1985

Consolidation Coal Company -- Burning Star #4 (Perry Co.) Southfield

**AUTHORIZATION TO CONSTRUCT TO:**

Consolidation Coal Company  
Post Office Box 218  
Pinckneyville, Illinois 62274

Supplemental Authorization is hereby granted to the above designee to construct mine and mine refuse area, which were previously approved under Authorization No. 7082-31 (8121-60) dated October 22, 1981. These facilities have been revised as follows:

The deletion of monitoring requirements for B64-1 (001). This pond, although remaining in this authorization, is now the responsibility of Southwestern Illinois Coal Corporation - Captain Mine. It receives drainage as described in application IEPA Log #6092-82 and 7082-81. Except for additional drainage, no changes are proposed herein.

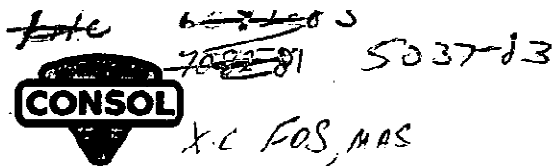
All Conditions in the original Authorization to Construct are incorporated in this Supplemental Authorization unless specifically deleted or revised herein.

This Supplemental Authorization is issued subject to the following Condition(s). If such Condition(s) require(s) additional or revised facilities, appropriate engineering plan documents must be submitted to this Agency for review and approval to secure issuance of a Supplemental Authorization to Construct.

1. The concerns of Consolidation Coal Company as stated in the letter dated April 20, 1983 to this Agency are incorporated herein.
2. No coal removal is permitted from the areas jointly covered in IEPA applications 8121-80 and 6092-83.

ECB:ba/7205c/4

cc: File  
Author  
Southwestern I.C.C. W/O Memo



Consolidation Coal Company  
Midwestern Region  
Illinois Surface Operations  
P.O. Box 218  
Pinckneyville, Illinois 62274  
(618) 357-5302

April 20, 1983

RECEIVED

APR 26 1983

MINE POLLUTION  
CONTROL PROGRAM

Edwin C. Bakowski  
Permit Section  
Mine Pollution Control Program  
Illinois Environmental Protection Agency  
2200 Churchill Road  
Springfield, IL 62706

RE: Outfall BS4-1(001)  
NPDES Permit IL0026492  
South Field, Burning Star No. 4 Mine

Dear Mr. Bakowski:

We have received your April 12, 1983, letter detailing the proposed use of our South Field final cut lake by Southwestern Illinois Coal Corporation for sedimentation purposes. At this time we have no opposition to their proposed use of the impoundment.

As suggested, we are requesting that this outfall be "placed on hold" in our NPDES permit IL0026492, and we accept Southwestern's drainage plan as proposed in application #6092-82; SM-1 #54. We would appreciate receiving a copy of the drainage control plan included within application #6092-82 and information detailing the proposed drainage areas (and pit pumpage) that will be tributary to the final cut lake.

Please note that although Southwestern Illinois Coal Corporation is accepting water quality and maintenance liability on the impoundment structure, we reserve control of the impoundment structure and do not authorize any changes or modifications to it. In addition, should any State or Federal Agency deem this proposed increase in drainage would significantly impede or reduce the flood storage capability of the final cut lake during a high precipitation event, then our acceptance of their drainage control plan shall be considered terminated and all drainage from Southwestern's property shall be diverted away from the final cut lake.

Sincerely,

*John Shotton*

John Shotton  
Vice-President,  
Illinois Surface Operations

EA:aw



## ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

MEMORANDUM

TO: M. Schallenberg - DMFC / PPTTS / L-1 DATE: 6/8/83  
FROM: E. Bakowski - DMFC ☒ Information only  
SUBJECT: Consolidation of BS 4 ☐ Response requested

South Bend IL 6092-82

Log # 5037-83 (7082-81, 8121-80)

Supplemental Auth. to transfer BS4-1001  
to SWICC. see attached letter

Note See also SWICC caption 6092-82  
And work on them together

Attach letter 5037-84  
to MFS  
POS

RECEIVED  
JUN 09 1983  
MHC POLLUTION CONTROL PROGRAM  
MARION, ILLINOIS

WBR





30238-85  
30 days,  
only 1 copy, etc.

Consolidation Coal Company  
Mid-Continent Region  
12755 Olive Boulevard  
St. Louis, Missouri 63141  
(314) 275-2300

RECEIVED

November 7, 1985

NOV 14 1985

Edwin C. Bakowski, P.E.  
Manager, Permit Section -  
Mine Pollution Control Program  
Illinois Environmental Protection Agency  
2200 Churchill Road  
Springfield, IL 62706

MINE POLLUTION  
CONTROL PROGRAM

RECEIVED

NOV 21 1985

MINE POLLUTION CONTROL PROGRAM  
CARBON, ILLINOIS

Dear Mr. Bakowski:

RE: Burning Star #4 - Southfield  
IDMM#73, IEPA IL0026492(BS4-1)  
1 Acre Incidental Boundary Revision

The following is submitted in response to your letter dated September 30, 1985 to address your concerns regarding the above mentioned permit.

1. A signature of a principal executive officer of at least the level of vice president is needed for an application to comply with 35 Ill. Adm. Code 404.105.

Response: The attached letter of authorization should satisfy your concern.

2. An engineering certification is needed to comply with 35 Ill. Adm. Code 405.104(a).

Response: The attached engineering certification was sent to I.D.M.M. on May 17, 1985 regarding the above and should satisfy your concern.

3. This Agency cannot modify an expired permit. The concerns addressed in our May 22, 1985 letter must be answered before Permit No. IL0026492 can be modified and renewed.

Response: Responses to your May 22, 1985 letter are to be answered under a separate letter, however a copy of that letter is attached for your reference.

Should you require any additional information, please feel free to contact me.

DEPARTMENT OF RECORDS MANAGEMENT  
RELEASE FILE

NOV 12 2015

REVIEWER: JKS

Sincerely,

Nicolaus P. Neumann, P.E.  
Group Leader - Permits

NPN:vms  
Attachments



Consolidation Coal Company  
Mid-Continent Region  
12755 Olive Boulevard  
St. Louis, Missouri 63141  
(314) 275-2300

November 7, 1985

Edwin C. Bakowski, P.E.  
Manager, Permit Section - Mine Pollution Control Program  
Illinois Environmental Protection Agency  
2200 Churchill Road  
Springfield, Illinois 62706

Dear Mr. Bakowski:

RE: Burning Star #4 - Southfield  
I.D.M.M. Permit #73 I.E.P.A. IL0026492(BS4-1)  
1 Acre Incidental Boundary Revision

As per the requirements in Title 35 of the Illinois Administrative Code, Subtitle D, Chapter I, a signature of a principal executive officer of at least the level of vice president is required by section 404.105. The above referenced application for Permit is hereby authorized by my signature below.

Sincerely,

A handwritten signature in cursive script, reading "Hubert W. Myers".

Hubert W. Myers  
Vice President  
Illinois Operations

HMM:vms



Consolidation Coal Company  
Mid-Continent Region  
12755 Olive Boulevard  
St. Louis, Missouri 63141  
(314) 275-2300

May 17, 1985

Mr. Alan Meyers  
Illinois Department of Mines & Minerals  
202 East Main  
Suite 206  
Marion, IL 62959

Dear Mr. Meyers:

The attached Engineering Certification is submitted to your office to accompany our May 8, 1985 submittal for abatement of NOV 19-5-85.

Should you have any questions or need additional information, please contact this office.

Sincerely,

A handwritten signature in cursive script that reads "Ronald E. Balch".

Ronald E. Balch

REB/vls

Attachment

bcc: E. Anderson  
N. Neumann  
V. Ordija  
L File 273 1AC Ron  
Master

# ENGINEERING CERTIFICATION

I hereby certify the engineering design used in preparation of this application, attachments, and supplements was done by me or under my direct supervision.

I further certify to the best of my knowledge all such design is in accordance with all applicable local, state and federal laws, rules and regulations.

☒ Whereas the Reclamation Plan calls for an alternative land use, I also certify the plans conform to applicable accepted standards for adequate land stability, drainage vegetative cover, and aesthetic design appropriate for the post-mining use of the site.

☐ Whereas the operation proposes disposal of spoil or waste materials in areas other than mine workings or excavations, I also certify such fills are designed in accordance with recognized professional standards and all applicable laws.

☒ Certification for Illinois Environmental Protection Agency - Chapter 4 Permit. In my professional judgement, the plans and specifications submitted as part of this application describe an operation which will meet all applicable effluent and water quality standards. I certify that I am familiar with all of the plans, specifications, reports, and maps submitted as part of this application and that said plans, etc. are accurate insofar as they represent existing conditions.

Ervin Anderson  
Name

062-0038535  
Illinois Registration Number (Seal)

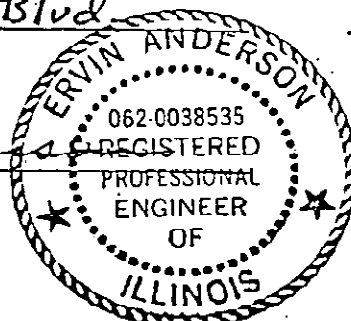
Consolidation Coal Co.  
Firm

(314) 275-2414  
Phone Number

12755 Olive Blvd  
Address

St. Louis, Mo. 63141

Ervin Anderson  
Signature



5/15/85  
Date

Consol. - Burning Star #4



Add 1 into

30 DAYS

X-C FOS

3023A-85

Consolidation Coal Company  
Mid-Continent Region  
12755 Olive Boulevard  
St. Louis, Missouri 63141  
(314) 275-2300

November 7, 1985

Edwin C. Bakowski, P.E.  
Manager, Permit Section -  
Mine Pollution Control Program  
Illinois Environmental Protection Agency  
2200 Churchill Road  
Springfield, IL 62706

RECEIVED

NOV 12 1985

MINE POLLUTION  
CONTROL PROGRAM

Dear Mr. Bakowski:

RE: Burning Star #4 - Southfield  
IEPA IL0026492(BS4-1) Log #3023-85  
Permit Renewal

NOV 18 1985  
MINE POLLUTION CONTROL PROGRAM  
SPRINGFIELD, ILLINOIS

The following is submitted in response to your letter dated May 22, 1985, regarding the above referenced permit.

1. Your request that water sample data (from Form 2C) be waived is denied. If the area covered under this NPDES permit is not abandoned, then the NPDES permit must be renewed. The water sample data from Form 2C must be completed to renew your NPDES permit.

Response: A priority pollutant sample analysis so as to complete water sample data for Form 2-C has been scheduled for the week of November 18, 1985. Consol will collect the sample at outfall 007 and the analysis will be completed by NUS. Sample analysis turn around is expected to be around 4 weeks. Consequently, the data will not be available to you until the week of December 23, 1985. Upon receipt of the data, it will be mailed to you as soon as possible.

2. The daily maximum concentration limits will be:

Chloride	1000 mg/l
Sulfate	3500 mg/l

You must submit an estimate of the chloride concentration you can maintain utilizing good operating practices.

Response: Based on good mining practices, the estimate of chloride concentration for discharges under this permit are not expected to exceed 500 mg/l on a monthly average basis and 1000 mg/l on a daily maximum concentration.

IBM DIVISION OF RECORDS MANAGEMENT  
RELEASES FILE

NOV 12 2015

REVIEWER: JKS

*msj*

Edwin C. Bakowski  
November 7, 1985  
Page 2

3. For your information, sampling for chloride and sulfate will be on a monthly basis for the first year and quarterly thereafter.

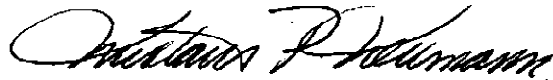
Response: The above is noted for a sampling frequency.

4. The renewal application must contain an engineer's certification to comply with 35 Ill. Adm. Code 405.104(a).

Response: The attached engineering certification should satisfy your concern.

Should you require any additional information, please feel free to contact me.

Sincerely,



Nicolaus P. Neumann, P.E.  
Group Leader - Permits

NPN:vms  
Attachments

## ENGINEERING CERTIFICATION

I hereby certify the engineering design used in preparation of this application, attachments, and supplements was done by me or under by direct supervision.

I further certify to the best of my knowledge all such design is in accordance with all applicable local, state and federal laws, rules and regulations.

☐ Whereas the Reclamation Plan calls for an alternative land use, I also certify the plans conform to applicable accepted standards for adequate land stability, drainage, vegetative cover, and aesthetic design appropriate for the post-mining use of the site.

☐ Whereas the operation proposes disposal of spoil or waste materials in areas other than mine workings or excavations, I also certify such fills are designed in accordance with recognized professional standards and all applicable laws.

☒ Certification for Illinois Environmental Protection Agency - Chapter 4 Permit. In my professional judgement, the plans, and specifications submitted as part of this application describe an operation which will meet all applicable effluent and water quality standards. I certify that I am familiar with all of the plans, specifications, reports, and maps submitted as part of this application and that said plans, etc. are accurate insofar as they represent existing conditions.

Victor Ordija

Name

062-37682

Illinois Registration Number (Seal)

Consolidation Coal Company

Firm

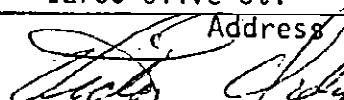
314/275-2415

Phone Number

12755 Olive St.

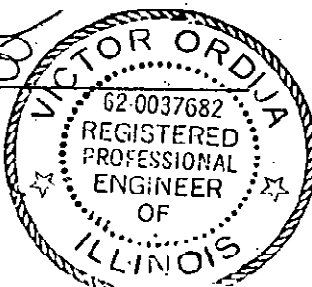
Address

St. Louis, MO 63141

  
Signature

November 7, 1985

Date



*Burning Star #4*

Certified Mail  
No. P356811213

RECEIVED

FEB 27 1985

MINE POLLUTION  
CONTROL PROGRAM



302385

Consolidation Coal Company  
Mid-Continent Region  
12755 Olive Boulevard  
St. Louis, Missouri 63141  
(314) 275-2300

February 21, 1985

RECEIVED

Ms. Lynda Hotarek  
Permit Section  
Division of Water Pollution Control  
Illinois Environmental Protection Agency  
2200 Churchill Road  
Springfield, IL 62706

RECEIVED MAR 01 1985

Illinois Environmental Protection Agency  
Division of Water Pollution Control  
Permit Section-Springfield  
State of Illinois

RE: NPDES Permit IL0026492  
BS4-1  
Consolidated Permit Application  
South Field  
Burning Star No. 4 Mine

MINE POLLUTION CONTROL PROGRAM  
BURNING STAR NO. 4 MINE

Dear Ms. Hotarek:

Enclosed are application forms "1 General" and "2C NPDES" for the renewal of NPDES Permit No. IL0026492 under the Consolidated Permits Program.

We request as a condition of the renewed permit that grab samples be used for monitoring and reporting of outfalls. Monitoring by grab sampling is permitted by request under Chapter 1, Subtitle D of the Pollution Control Board Regulations, Rule 402.102(e).

Presently, the field covered under the permit has been reclaimed and most grading bonds have been released. Erosion control structures have been provided for the area and a permanent vegetation species has been established. No drainage comes in contact with pit pumpage, coal refuse, or coal storage areas prior to entering existing sediment ponds. I am requesting that water sample data (from form 2C) be waived as all drainage is from a completed reclamation area with no active workings. A priority pollutant analysis will be performed in the adjacent North Field with the renewal of NPDES Permit IL0052795 (BS4-9).

Should chloride and sulfate monitoring be added to this permit due to our existing 406.203 exemption, we request a quarterly sampling frequency as being adequate to demonstrate compliance with 406.203(C)(1)(A). In addition, we request daily maximum concentration limits of:

Chloride ..... 1000 mg/l  
Sulfate ..... 3500 mg/l

RECEIVED  
DIVISION OF RECORDS MANAGEMENT  
RELEASEABLE

NOV 12 2015

REVIEWER: JKS

*M66 mgf*  
*W*

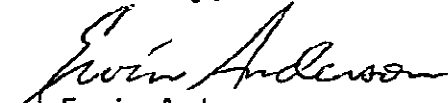


Ms. Lynda Hotarek  
February 21, 1985  
Page 2

These concentration limits requested are consistent with limits established under Chapter 1, Subtitle D, Rule 406.203.

If you have any questions concerning this permit renewal, please contact me at (314) 275-2414.

Sincerely,

  
Ervin Anderson  
Group Leader - Permits

EA:rs

Enclosure

Additional Information

- A. The South Field has been reclaimed in accordance with reclamation plans permitted by the Illinois Department of Mines and Minerals. In addition, a slurry pond has been permitted in the South Field as detailed in Illinois Department of Mines and Minerals Permit No. 73.

RECEIVED

MAR 01 1985

Environmental Protection Agency  
Division of Water Pollution Control  
Permit Section-Springfield  
State of Illinois

Please print or type in the unshaded areas only  
(fill-in areas are spaced for elite type, i.e., 12 characters/inch).

Form Approved OMB No. 158-R0175

FORM 1 GENERAL		U.S. ENVIRONMENTAL PROTECTION AGENCY <b>GENERAL INFORMATION</b> Consolidated Permits Program (Read the "General Instructions" before starting.)		I. EPA I.D. NUMBER	
PLEASE PLACE LABEL IN THIS SPACE		GENERAL INSTRUCTIONS			
		If a preprinted label has been provided, affix it in the designated space. Review the information carefully; if any of it is incorrect, cross through it and enter the correct data in the appropriate fill-in area below. Also, if any of the preprinted data is absent (the area to the left of the label space lists the information that should appear), please provide it in the proper fill-in area(s) below. If the label is complete and correct, you need not complete items I, III, V, and VI (except VI-B which must be completed regardless). Complete all items if no label has been provided. Refer to the instructions for detailed item descriptions and for the legal authorizations under which this data is collected.			
		II. POLLUTANT CHARACTERISTICS			
		INSTRUCTIONS: Complete A through J to determine whether you need to submit any permit application forms to the EPA. If you answer "yes" to any questions, you must submit this form and the supplemental form listed in the parenthesis following the question. Mark "X" in the box in the third column. If the supplemental form is attached. If you answer "no" to each question, you need not submit any of these forms. You may answer "no" if your activity is excluded from permit requirements; see Section C of the instructions. See also, Section D of the instructions for definitions of bold-faced terms.			
SPECIFIC QUESTIONS		MARK "X"		SPECIFIC QUESTIONS	
A. Is this facility a publicly owned treatment works which results in a discharge to waters of the U.S.? (FORM 2A)		B. Does or will this facility (either existing or proposed) include a concentrated animal feeding operation or aquatic animal production facility which results in a discharge to waters of the U.S.? (FORM 2B)		C. Is this a facility which currently results in discharges to waters of the U.S. other than those described in A or B above? (FORM 2C)	
D. Does or will this facility treat, store, or dispose of hazardous wastes? (FORM 3)		E. Do you or will you inject at this facility industrial or municipal effluent below the lowermost stratum containing, within one quarter mile of the well bore, underground sources of drinking water? (FORM 4)		F. Do you or will you inject at this facility fluids for special processes such as mining of sulfur by the Frasch process, solution mining of minerals, in-situ combustion of fossil fuel, or recovery of geothermal energy? (FORM 4)	
G. Do you or will you inject at this facility any produced water or other fluids which are brought to the surface in connection with conventional oil or natural gas production, inject fluids used for enhanced recovery of oil or natural gas, or inject fluids for storage of liquid hydrocarbons? (FORM 4)		H. Is this facility a proposed stationary source which is one of the 28 industrial categories listed in the instructions and which will potentially emit 100 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an attainment area? (FORM 5)		I. Is this facility a proposed stationary source which is NOT one of the 28 industrial categories listed in the instructions and which will potentially emit 250 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an attainment area? (FORM 5)	
III. NAME OF FACILITY					
1 SKIP BURNING STAR NO. 4 MINE (BS4-1)					
IV. FACILITY CONTACT					
A. NAME & TITLE (last, first, & title)				B. PHONE (area code & no.)	
2 ANDERSON ERVIN A. P.E.				314 275 2414	
V. FACILITY MAILING ADDRESS					
A. STREET OR P.O. BOX					
3 12755 OLIVE BOULEVARD					
B. CITY OR TOWN					
4 ST. LOUIS					
C. STATE					
IL					
D. ZIP CODE					
63141					
VI. FACILITY LOCATION					
A. STREET, ROUTE NO. OR OTHER SPECIFIC IDENTIFIER					
5 RURAL ROUTE 1					
B. COUNTY NAME					
PERRY					
C. CITY OR TOWN					
6 CUTLER					
D. STATE					
IL					
E. ZIP CODE					
62238					
F. COUNTY CODE (if known)					

CONTINUED FROM THE FRONT

## VII. SIC CODES (4-digit, in order of priority)

A. FIRST				B. SECOND			
C	7	1	2	1	1	(specify)	Bituminous Mining
C. THIRD				D. FOURTH			
C	7	(specify)	(specify)	(specify)	(specify)	(specify)	(specify)

## VIII. OPERATOR INFORMATION

A. NAME										B. Is the name listed in Item VIII-A also the owner?	
C	8									<input type="checkbox"/> YES <input type="checkbox"/> NO	
C. STATUS OF OPERATOR (Enter the appropriate letter into the answer box; if "Other", specify)											
F - FEDERAL		M - PUBLIC (other than federal or state)		P - PRIVATE		O - OTHER (specify)		D. PHONE (area code & no.)			
S - STATE								618		357 9311	
E. STREET OR P.O. BOX											
P. O. BOX 218											
F. CITY OR TOWN											
P I N C K N E Y V I L L E											
G. STATE											
I L											
H. ZIP CODE											
6 2 2 7 4											
IX. INDIAN LAND											
Is the facility located on Indian lands?											
<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO											

## X. EXISTING ENVIRONMENTAL PERMITS

A. NPDES (Discharges to Surface Water)										D. PSD (Air Emissions from Proposed Sources)										
C	9	N	I	L	0	0	2	6	4	9	2	C	9	P						
B. UIC (Underground Injection of Fluids)										OTHER (specify)										
C	9	U								C	9	(specify)								
C. RCRA (Hazardous Wastes)										OTHER (specify)										
C	9	R								C	9	(specify)								

## XI. MAP


Attach to this application a topographic map of the area extending to at least one mile beyond property boundaries. The map must show the outline of the facility, the location of each of its existing and proposed intake and discharge structures, each of its hazardous waste treatment, storage, or disposal facilities, and each well where it injects fluids underground. Include all springs, rivers and other surface water bodies in the map area. See instructions for precise requirements.

## XII. NATURE OF BUSINESS (provide a brief description)

Surface Coal Mine

## XIII. CERTIFICATION (see instructions)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this application and all attachments and that, based on my inquiry of those persons immediately responsible for obtaining the information contained in the application, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

A. NAME & OFFICIAL TITLE (type or print)		B. SIGNATURE		C. DATE SIGNED	
Hubert W. Myers, Vice President Illinois Surface Operations				2/25/85	

## COMMENTS FOR OFFICIAL USE ONLY

C											
C											

FORM  
2C  
NPDES

 EPA

**U.S. ENVIRONMENTAL PROTECTION AGENCY**  
**APPLICATION FOR PERMIT TO DISCHARGE WASTEWATER**  
**EXISTING MANUFACTURING, COMMERCIAL, MINING AND SILVICULTURAL OPERATIONS**  
*Consolidated Permits Program*

For each outfall, list the latitude and longitude of its location to the nearest 15 seconds and the name of the receiving water.

## II. FLOWS, SOURCES OF POLLUTION, AND TREATMENT TECHNOLOGIES

B. For each outfall, provide a description of: (1) All operations contributing wastewater to the effluent, including process wastewater, sanitary wastewater, cooling water, and storm water runoff; (2) The average flow contributed by each operation; and (3) The treatment received by the wastewater. Continue on additional sheets if necessary.

RECEIVED

MAR 01 1985

Environmental Protection Agency  
WPC — Permit Log In

PAGE 1 OF 4

CONTINUE ON REVERSE

## CONTINUED FROM THE FRONT

C. Except for storm runoff, leaks, or spills, are any of the discharges described in Items II-A or B intermittent or seasonal?

☒ YES (complete the following table)☐ NO (go to Section III)

1. OUTFALL NUMBER (list)	2. OPERATION(s) CONTRIBUTING FLOW (list)	3. FREQUENCY		4. FLOW						C DUR- ATION (in days)
		a. DAYS PER WEEK (specify average)	b. MONTHS PER YEAR (specify average)	b. FLOW RATE (in mgd)		b. TOTAL VOLUME (specify with units)				
				1. LONG TERM AVERAGE	2. MAXIMUM DAILY	1. LONG TERM AVERAGE	2. MAXIMUM DAILY			
001	Pit Pumpage (Arch Minerals)	Unknown		Unknown		Unknown				

## III. MAXIMUM PRODUCTION

A. Does an effluent guideline limitation promulgated by EPA under Section 304 of the Clean Water Act apply to your facility?

☒ YES (complete Item III-B)☐ NO (to Section IV)

B. Are the limitations in the applicable effluent guideline expressed in terms of production (or other measure of operation)?

☐ YES (complete Item III-C)☒ NO (go to Section IV)

C. If you answered "Yes" to Item III-B, list the quantity which represents an actual measurement of your maximum level of production, expressed in the terms and units used in the applicable effluent guideline, and indicate the affected outfalls.

## 1. MAXIMUM QUANTITY

6. QUANTITY PER DAY	D. UNITS OF MEASURE	C. OPERATION, PRODUCT, MATERIAL, ETC. (specify)	2. AFFECTED OUTFALLS (list outfall numbers)
		Not Applicable	

## IV. IMPROVEMENTS

A. Are you now required by any Federal, State or local authority to meet any implementation schedule for the construction, upgrading or operation of waste-water treatment equipment or practices or any other environmental programs which may affect the discharges described in this application? This includes, but is not limited to, permit conditions, administrative or enforcement orders, enforcement compliance schedule letters, stipulations, court orders, and grant or loan conditions.

☐ YES (complete the following table)☒ NO (go to Item IV-B)

1. IDENTIFICATION OF CONDITION, AGREEMENT, ETC.	2. AFFECTED OUTFALLS		3. BRIEF DESCRIPTION OF PROJECT	4. FINAL COM- PLIANCE DATE	
	a. NO.	b. SOURCE OF DISCHARGE		a. RE- QUIRED	b. PRO- JECTED
			Not Applicable		

B. OPTIONAL: You may attach additional sheets describing any additional water pollution control programs (or other environmental projects which may affect your discharges) you now have underway or which you plan. Indicate whether each program is now underway or planned, and indicate your actual or planned schedules for construction. ☐ MARK "X" IF DESCRIPTION OF ADDITIONAL CONTROL PROGRAMS IS ATTACHED

CONTINUED FROM PAGE 2

**V. INTAKE AND EFFLUENT CHARACTERISTICS**

A, B, & C: See instructions before proceeding — Complete one set of tables for each outfall — Annotate the outfall number in the space provided.  
NOTE: Tables V-A, V-B, and V-C are included on separate sheets numbered V-1 through V-9.

D. Use the space below to list any of the pollutants listed in Table 2C-3 of the instructions, which you know or have reason to believe is discharged or may be discharged from any outfall. For every pollutant you list, briefly describe the reasons you believe it to be present and report any analytical data in your possession.

1. POLLUTANT	2. SOURCE	1. POLLUTANT	2. SOURCE
	None of the pollutants listed in Table 2C-3 are known or believed to be discharged from outfalls in this permit.		

**VI. POTENTIAL DISCHARGES NOT COVERED BY ANALYSIS**

A. Is any pollutant listed in Item V-C a substance or a component of a substance which you do or expect that you will over the next 5 years use or manufacture as an intermediate or final product or byproduct?

☐ YES (list all such pollutants below)☒ NO (go to Item VI-B)

Not Applicable

B. Are your operations such that your raw materials, processes, or products can reasonably be expected to vary so that your discharges of pollutants may during the next 5 years exceed two times the maximum values reported in Item V?

☐ YES (complete Item VI-C below)☒ NO (go to Section VII)

C. If you answered "Yes" to Item VI-B, explain below and describe in detail the sources and expected levels of such pollutants which you anticipate will be discharged from each outfall over the next 5 years, to the best of your ability at this time. Continue on additional sheets if you need more space.

Not Applicable

CONTINUED FROM THE FRONT

**VII. BIOLOGICAL TOXICITY TESTING DATA**

Do you have any knowledge or reason to believe that any biological test for acute or chronic toxicity has been made on any of your discharges or on a receiving water in relation to your discharge within the last 3 years?

☐ YES (identify the test(s) and describe their purposes below)

☒ NO (go to Section VIII)

Not Applicable

**VIII. CONTRACT ANALYSIS INFORMATION**

Were any of the analyses reported in Item V performed by a contract laboratory or consulting firm?

☐ YES (list the name, address, and telephone number of, and pollutants analyzed by, each such laboratory or firm below)

☒ NO (go to Section IX)

A. NAME	B. ADDRESS	C. TELEPHONE (area code & no.)	D. POLLUTANTS ANALYZED (list)
	Not Applicable		

**IX. CERTIFICATION**

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this application and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

A. NAME & OFFICIAL TITLE (type or print)

Hubert W. Myers  
Vice President, Illinois Surface Operations

B. PHONE NO. (area code & no.)

(618) 357-9311

C. SIGNATURE

*Hubert W. Myers*

D. DATE SIGNED

2/25/85



Consolidation Coal Co. - B.S. #4

file w/ 3023-85



STATE OF ILLINOIS  
DEPARTMENT OF MINES AND MINERALS  
LAND RECLAMATION DIVISION

BRAD EVILSIZER  
DIRECTOR

MEMORANDUM

RECEIVED

SEP 09 1985

227 SOUTH 7TH ST. - RM. 201  
SPRINGFIELD, ILLINOIS 62706  
TELEPHONE: (217) 782-4970

MINE POLLUTION  
CONTROL PROGRAM

TO: Steve Chard, Department of Agriculture  
Kathleen Andrews, Department of Conservation  
Ron Barganz, Environmental Protection Agency  
E. Bakowski, Environmental Protection Agency  
David R. Boyce, Department of Transportation

FROM: Ernest Ashby, Permit Coordinator  
Land Reclamation Division

DATE: September 6, 1985

RE: Surface Mining Interagency Committee

Enclosed please find information regarding an incidental boundary revision for 1 acre for Permit #73 for Consolidation Coal Company, Burning Star #4 Mine. This revision was approved in accordance with Rule 1788.12(b)(5). This transmittal also includes an insignificant revision which grants permission to remove a road. The insignificant revision was approved pursuant to Rule 1788.12(a)(1)(iv).

EA:mb

Enclosure

cc: D. Downing  
OSM  
T. Johnson  
R. Zinszer  
A. Meyers  
V. Ordija

RECEIVED

SEP 10 1985

MINE POLLUTION CONTROL PROGRAM  
LAND RECLAMATION

DEPT. DIVISION OF RECORDS MANAGEMENT  
RELEASABLE

NOV 12 2015

REVIEWER: JKS

Not logged  
in book  
mjb

FOS



STATE OF ILLINOIS  
**DEPARTMENT OF MINES AND MINERALS**  
LAND RECLAMATION DIVISION

BRAD EVILSIZER  
DIRECTOR

August 30, 1985

227 SOUTH 7TH ST. - RM. 201  
SPRINGFIELD, ILLINOIS 62706  
TELEPHONE: (217) 782-4970

Mr. Victor Ordija  
Consolidation Coal Company  
12755 Olive Blvd.  
St. Louis, MO 63141

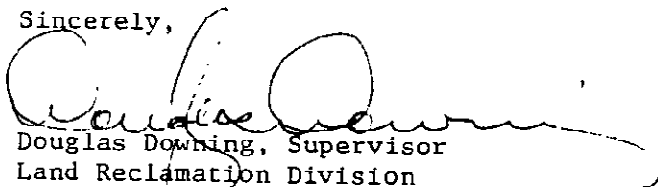
RE: Permit #73

Dear Mr. Ordija:

This letter will serve as the Department's acknowledgement of receipt of the fee and bond for the 1 acre incidental boundary revision for the afore-referenced permit at Burning Star #4 Mine. As stated in our June 14, 1985, letter, mining activities on this area may proceed as of this date.

Should you have any questions concerning this matter, please feel free to contact this office.

Sincerely,

  
Douglas Downing, Supervisor  
Land Reclamation Division

DD:MP:mb

cc: OSM  
A. Meyers

RECEIVED  
SEP 1 0 1985

WINE POLLUTION CONTROL PROGRAM  
MARION, ILLINOIS

DEPT. DIVISION OF RECORDS MANAGEMENT  
GROUP 1001

NOV 12 2015

REVIEWER: JKS



STATE OF ILLINOIS  
**DEPARTMENT OF MINES AND MINERALS**  
LAND RECLAMATION DIVISION

June 14, 1985

BRAD EVILSIZER  
DIRECTOR

227 SOUTH 7TH ST. - RM. 201  
SPRINGFIELD, ILLINOIS 62706  
TELEPHONE: (217) 782-4970

Mr. Victor Ordija  
Consolidation Coal Company  
12755 Olive Boulevard  
St. Louis, Missouri 63141

RE: Burning Star #4, Permit #73  
Incidental Boundary Change

RECEIVED  
SEP 10 1985  
MINE POLLUTION CONTROL PROGRAM  
STATE OF ILLINOIS  
EPA DIVISION OF RECORDS MANAGEMENT  
RELEASEABLE

NOV 12 2015

REVIEWER: JKS

Dear Mr. Ordija:

On May 10, 1985, the Department received a request for an incidental boundary revision for Burning Star #4, Permit #73. The request, dated May 8, 1985 would add ~~one~~<sup>one</sup> acres of surface disturbance. Under Rule 1788.12(b)(5), incidental boundary revisions are allowed if:

- (1) They constitute a relatively small percentage of the initial permit acreage.
- (2) The areas are contiguous with the permit acreage.
- (3) The areas are required for the orderly and continuous mining operation.
- (4) The areas would be reclaimed in conformity with the initial plan.

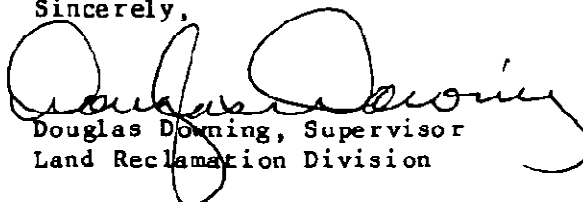
The Department finds that Consolidation Coal Company has demonstrated in its request, and field inspections by the Department's field representative have confirmed that these areas (total of 1.0 acres) meets the requirements for an incidental boundary change as outlined in Rule 1788.12(b)(5) of The Surface Coal Mining Land Conservation and Reclamation Act (PA 81-1015) Rules and Regulations.

The fee for the area will be \$25.00 (\$5 per acre x 1 acres x 5 years the bond is in force). Bond for the area will be \$250.00. Copies of bond form SML 2 have been enclosed for your use.

Mr. Victor Ordija  
Page 2

Upon receipt by the Department of the fee and bond, plus nine copies of your request letter and map which will be forwarded to the Interagency Review Committee and OSM, mining activities on this one (1) acre may commence, following Department approval.

Sincerely,



Douglas Downing, Supervisor  
Land Reclamation Division

DD:MP:rak

cc: J. Fulton  
A. Meyers

RECEIVED  
JUL 12 1964  
BUREAU OF LAND MANAGEMENT



STATE OF ILLINOIS  
DEPARTMENT OF MINES AND MINERALS  
LAND RECLAMATION DIVISION  
June 14, 1985

BRAD EVILSIZER  
DIRECTOR

227 SOUTH 7TH ST. - RM. 201  
SPRINGFIELD, ILLINOIS 62706  
TELEPHONE: (217) 782-4970

Mr. Victor Ordija  
Consolidation Coal Company  
12755 Olive Boulevard  
St. Louis, Missouri 63141

RE: Insignificant Revision  
Permit #73

RECEIVED  
SEP 10 1985  
MINE POLLUTION CONTROL PROGRAM  
CARBON, ILLINOIS

Dear Mr. Ordija:

The Department has reviewed the proposed reclamation plan change dated May 8, 1985, submitted by Consolidation Coal Company for Burning Star #4 Mine. The proposed change involves the removal of a previously approved permanent road and reclaiming it to pasture. By doing so, it will result in a higher or better land use. Since this operation is not currently approved, it will constitute a reclamation plan change. Rule 1788.12(a)(1)(iv) allows such insignificant revisions if the proposed changes:

1. are described in writing.
2. will not have any significant potential adverse impacts on the achievement of final reclamation plans or upon the surrounding area.

The Department has determined that the proposed change is insignificant and will not significantly change the final reclamation plan for this permit and hereby exempts Consolidation Coal Company from submitting a permit revision application in accordance with Rule 1788.12(a)(1)(iv). The Department grants permission to reclaim the road to pasture as proposed in the above-mentioned request. This approval is based on the Department's opinion that the result will be a higher or better land use and the fact that the Cutler Road replacement negates the need for this road. Please submit ten (10) additional copies of your request letter and map.

Should you have any questions, please contact Alan Meyers in our Southern District Office.

Sincerely,

A handwritten signature in cursive script, appearing to read "Douglas Downing".  
Douglas Downing, Supervisor  
Land Reclamation Division

DD:AM:mc  
cc: J. Fulton  
A. Meyers



Consolidation Coal Company  
Mid-Continent Region  
12755 Olive Boulevard  
St. Louis, Missouri 63141  
(314) 275-2300

May 8, 1985

Mr. Alan Meyers  
Illinois Department of Mines & Minerals  
202 East Main, Suite 206  
Marion, IL 62959

Dear Mr. Meyers:

In response to your request for remedial action with regard to Notice of Violation No. 19-5-85, please accept the following.

1. We wish to add 1 acre to the permit area as an incidental boundary revision. This area will encompass the portion of access road which connects Consol's existing service road to the new county road.
2. We resubmit our April 25, 1985 request for approval of an insignificant revision to allow Consol to reclaim that portion of service road made obsolete by the new county road.

These insignificant revisions are delineated on the enclosed mining operation plan and land reclamation plan maps. Also, for your use, we have enclosed a typical road cross-section and a profile of the proposed road connection.

Should you have any questions or need additional information, please contact this office.

Sincerely,

*Ronald E. Balch*

Ronald E. Balch

RECEIVED

SEP 18 1985

MINE POLLUTION CONTROL PROGRAM  
MARION, ILLINOIS

REB:vms

Enclosures

cc: Douglas Downing

*cc: A Meyers  
Om 5/13/85*

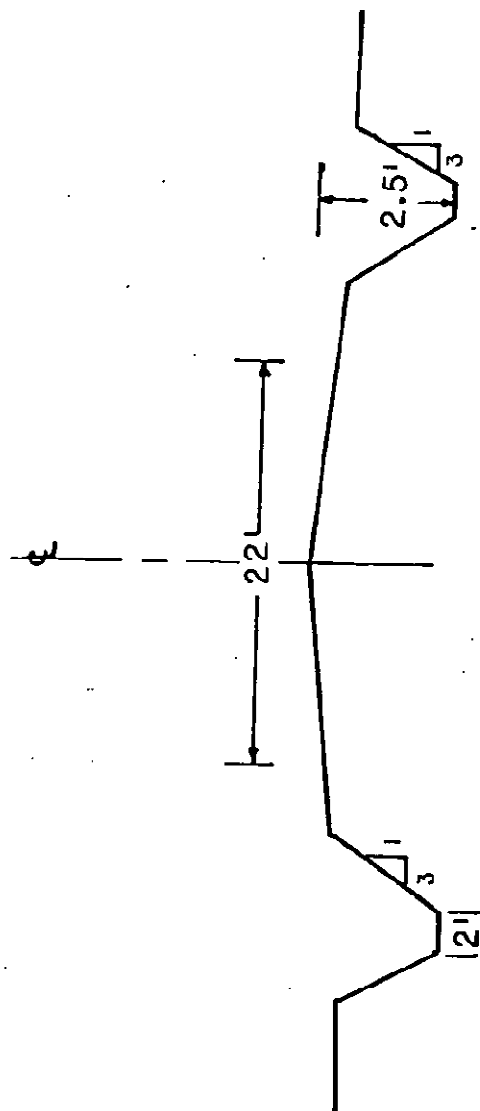
RECEIVED

ST. LOUIS FIELD

MAY 13 1985

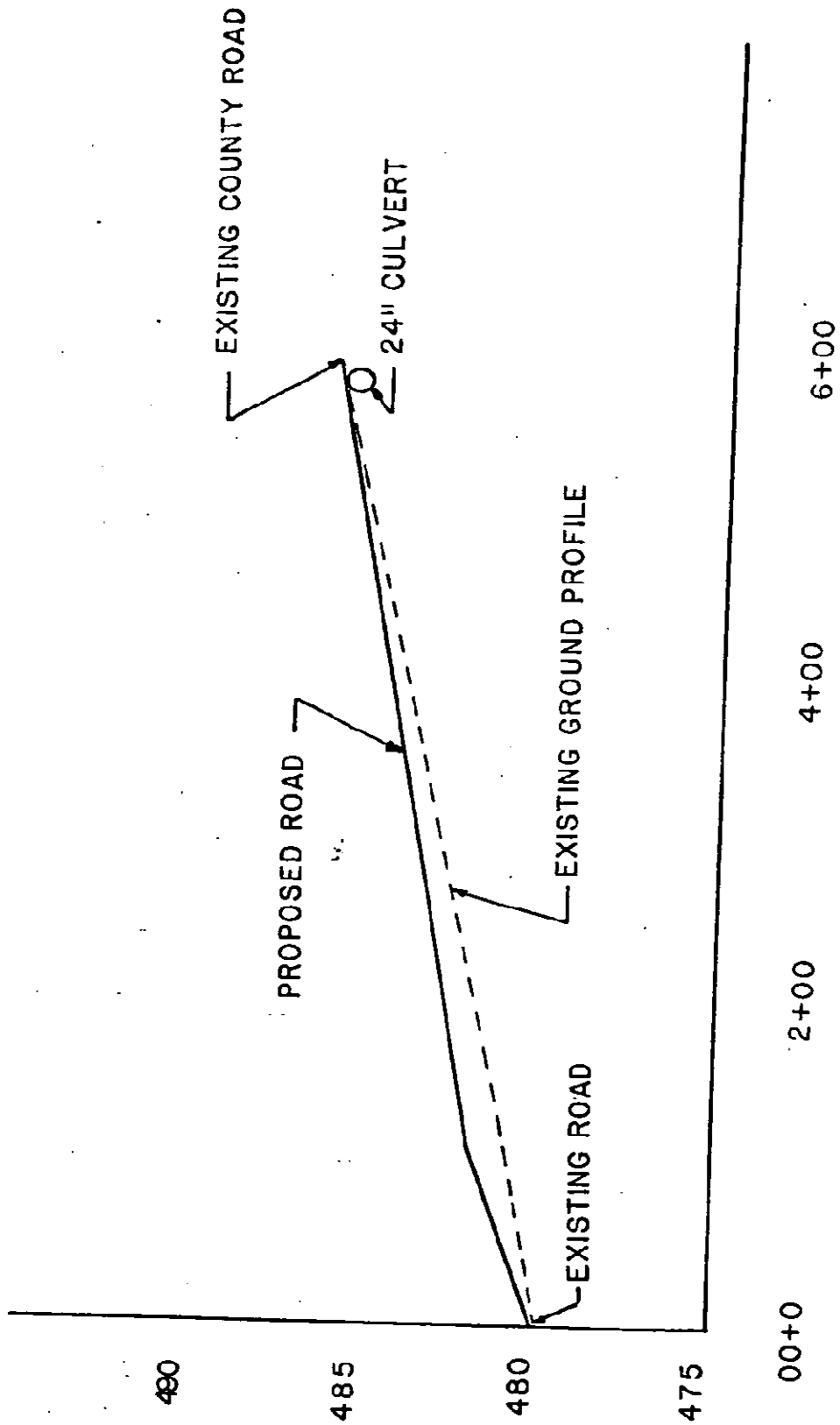
DEPT. OF MINES AND MINERALS  
LAND RECLAMATION DIV.

NOTE: ROAD TO BE CONSTRUCTED WITH  
8" BASE CAPPED WITH ROAD ROCK



## TYPICAL ROAD CROSS-SECTION

NOT TO SCALE



# PROFILE OF PROPOSED ROAD CONNECTION

SCALE: HORIZ 1"=100'  
VERT 1"=5'





Consolidation Coal Company  
Mid-Continent Region  
12755 Olive Boulevard  
St. Louis, Missouri 63141  
(314) 275-2300

April 25, 1985

Mr. Alan Meyers  
Illinois Department of Mines & Minerals  
202 East Main Suite 206  
Marion, Illinois 62959

DIVISION OF RECORDS MANAGEMENT  
RELEASABLE

NOV 12 2015

REVIEWER: JKS

Dear Mr. Meyers:

Please consider this letter as a request for an insignificant revision for our Burning Star No.4, Permit #73 for support facilities.

This revision will include the elimination of a portion of service road and the addition of two small access roads. The  $\frac{1}{2}$  mile of service road to be removed has effectively been replaced by a new county road which runs parallel to said road.

The two portions of access road are needed to; A) connect the new county road to Consol's service road, and B) provide temporary access to a pump location at our south field slurry system.

These insignificant revisions are delineated on the enclosed mining operation plan, and land reclamation plan maps.

Should you have any questions or need additional information, please contact this office.

Sincerely,

*Ronald E. Balch*

Ronald E. Balch

**RECEIVED**

SPRINGFIELD

AUG 29 1985

REB/ev

DEPT. OF MINES AND MINERALS  
LAND RECLAMATION DIV.

**RECEIVED**

SEP 18 1985

MINING POLLUTION CONTROL PROGRAM  
MARION, ILLINOIS

# SEE LARGE FORMAT MAP OR PLAN SHEET

## DESCRIPTION:

W1458990016  
Consolidation Coal Burng Star4  
16 7/19/2010  
Permit ID IL0052795 Doc ID 2568940

	Type or Description	SEE COLOR	Date of Plan	Figure
1.	Stormwater Pollution Prevention Plan	Y	12/19/96	NA
2.	NPDES Boundary Map	Y	7/1/94	NA
3.	Drainage Control Plan, (Incidental Boundary Revision Permit No 73)	N	5/91	NA
4.	South Field Ponds 006 & 007 Abandonment Request	N	6/6/89	NA
5.	South Field Ponds 006 & 007 Abandonment Request	N	6/6/89	NA
6.	Ponds 006 & 007- Sampling Termination Request	N	10/89	NA
7.	Land Reclamation Plan	N	NA	NA
8.	Mining Operations Plan	N	7/23/85	D
9.				
10.				
11.				
12.				
13.				
11.				
12.				
13.				
12.				